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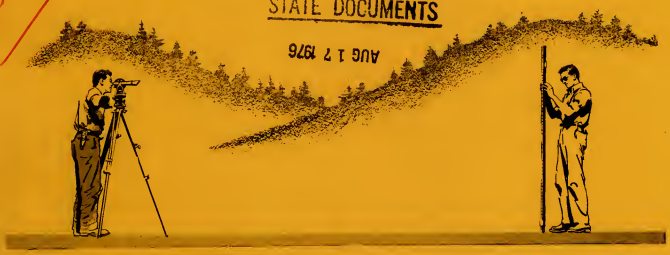

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

AUGUST 16, 1976

BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
LINCOLN
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
FLATHEAD
POND
BLAINE
VALLEY
ROOSEVELT
DEER
TETON
CHOTEAU
RICHLAND
LAKE
LEWIS
CASCADE
FERGUS
MCCONE
DAWSON
MINERAL
MISSOULA
PETROLEUM
GARFIELD
PRAIRIE
JUDITH
BASIN
WIBAUX
POWELL
CLARK
FORK
MUSSELSHELL
GRANITE
WHEATLAND
GOLDEN VALLEY
ROSEBUD
RAVALLI
BROADWATER
YELLOWSTONE
TREASURE
CUSTER
JEFFERSON
GALLATIN
SWEET
STILL
WATER
LODGE
SILVER
BOW
POWDER
RIVER
CARTER
BEAVERHEAD
GRASS
VALLEY
PARK
BIG
HORN
MADISON
CARBON
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H J Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
AUGUST 13, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending August 13, 1976:

G E N E R A L

Skies have been mostly clear, temperatures moderate, and precipitation light the past two weeks. Progress has been fair to good on most projects.

P R E C O N S T R U C T I O N

I 90-1(12)22, Drexel - East & West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Report not received from the consultants. The project was 85% complete two weeks ago.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana, Consultants
The consultants have not submitted a report for more than a year.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - Oct. 31, 1976
There has been no changes in the status of this project since the last report. The roadway section of the contract is 84.7% complete, bridge section 99.9%, and the total contract as a unit remains 94% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles - Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10), State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

RF 192(9), Arlee - Safety — Personnel Unassigned
Topog Survey
Work will be started when personnel are available.

F 197(8), Dixon - Ravalli — Personnel Unassigned
Length - 8.5+ Miles, Preliminary Engineering
Work will be started when personnel are available.

F 219(36), DeSmet - Evaro
Length - 5.3 Miles
Survey Started Dec. 18, 1975
Work has been temporarily suspended. The survey remains 96% complete.

C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Pending

S 221(3), Thompson Falls - West
Length - 4.3 Miles
Work is underway on line projection in the Evans Creek area and projection of the line over Prospect Creek, also on minor P. I. H. changes. The design remains 52% complete.

H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491

S 221(7), Thompson Falls - West
Length - 4.31 Miles
Work is underway on inking of summaries and plan sheets and P. I. H. changes, also on checking of quantities. The design remains 85% complete.

H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491

RF 223(6), Plains - Paradise
Length - 6.9± Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unavailable

RS 360(3), Rattlesnake Creek Bridge, Missoula
Length - 0.1± Mile, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unavailable

RS 360(4), Intersection of Rattlesnake Drive & Lincolnwood, Missoula
Preliminary Engineering
Work will be started when personnel are available.

Personnel Unavailable

M 8107(1), North Orange Street - Missoula
Length - 0.8 Mile, N. Orange to Broadway
from I 90 Interchange
Lighting and Overheight Detector
Work will be started when personnel are available.
Contract Scheduled for Letting Aug. 26, 1976

Personnel Unassigned

M 8114 - Missoula
5th to 6th to 7th Streets
Work will be started when personnel are available.

Personnel Unassigned

M 8199(3), Missoula Intersections
Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

C O N S T R U C T I O N

I 90-1(80)0, Lookout Pass - Saltese
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign
Contract Awarded May 6, 1975
Amount of Contract - $5,359,850.07
Work Started June 30, 1975
Work Proceed Date - May 28, 1975

Northwest Construction, Inc.
Kirkland, Wash., Contractor
C. R. Owen, Field Proj. Mgr.
Saltese, Mont., Phone 678-4346
Contract Time - 200 Working Days
Prob. Comp. Date - Nov. 26, 1976

Progress has been good. Paving was resumed on August 5, 1976 in the westbound lane, from the beginning of the project. Type III plant mix is being placed in the east-

bound rest area and on the shoulder right of the eastbound lane, from Sta. 224+00 to 350+00.00. The 3/4" top surf., Grade 2, is being hauled, processed, watered, and rolled ahead of the plant mix paving operations. The longitudinal and transverse cuts are being sealed. The project as a whole is 60% complete with 55% of the contract time elapsed. One hundred and four men are working on shifts of various lengths. Construction layout, with a 25-man engineering crew engaged, is 50% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1 — Washington Construction Co.
DeBorgia - East & West & Saltese - Haugan — Missoula, Mont., Contractor
Length - 10.828 Miles, GR-AGG. SURF-PMB — Carl E. Smith, Field Proj. Mgr.
Contract let Dec. 14, 1972 — St. Regis, Mont., Phone 649-2382
Amount of Contract - $5,533,558.78 — Contract Time - 350 Calendar Days
Work Started Feb. 15, 1973 — Prob. Comp. Date - Aug. 31, 1976
There has been no work since July 28, 1976 on subject project. Only minor cleanup and installation of right-of-way monuments remain to be accomplished. The project is 99% complete with 99% of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 99% complete.

I 90-1(77)22, U-1, Drexel - East & West — Hensel-Phelps Const. Co.
Length - 455.0-Ft. & 638.0-Ft. Composite Steel — Vancouver, Wash., Contractor
& Girder Bridges over St. Regis River — W. L. Liles, Field Proj. Mgr.
Contract let July 2, 1975 — Superior, Mont., Phone 649-2471
Amount of Contract - $2,282,935.00 — Contract Time - 140 Working Days
Work Started Aug. 19, 1975 — Prob. Comp. Date - Sept. 30, 1976
Progress has been fair. At Sta. 183+57, concrete has been placed for thethree footings at Bent 2 and form work for the crash wall is currently underway. At Bent 3, concrete has been placed for the three footings and lower right and center columns, with form work and re-bar placement in progress on the lower left column. At Bent 4, cap form work and re-bar placement are currently underway. There has been no work at Sta. 169+72, nor has there been any concrete finishing and clean-up on the structure to date. The project as a whole is 25% complete with 85% of the contract time elapsed. Fifteen men are working five 10-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 65% complete.

I 90-1(77)22, U-2, Drexel - East & West — Washington Construction Co.
Length - 0.5 Mile, Grading & Detours — Missoula, Mont., Contractor
Contract let June 10, 1976 — L. D. Claridge, Field Proj. Mgr.
Amount of Contract - $1,453,180.88 — St. Regis, Mont., Phone 649-2471
Work Started July 6, 1976 — Contract Time - 120 Working Days
Work Proceed Date - July 6, 1976 — Prob. Comp. Date - July 1, 1977
Work the past week consisted of clearing and burning, pioneering for the cut right of Sta. 175+, and constructing the bridge for the haul road. The project as a whole is 6% complete with 20% of the contract time elapsed. Sixteen men are working on ten 8-hour shifts per week. Construction layout, with two engineers engaged, is 75% complete.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Work Started July 2, 1975
Amount of Contract - $324,775.51
Work Proceed Date - June 26, 1975

Hightower & Wallace Const. Co.
Missoula, Montana, Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 130 Working Days
Completed - July 28, 1976

Final inspection and acceptance were made on August 10, 1976. Final data will be submitted to the Division office about August 31, 1976.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - April 30, 1977

Work has consisted of placing concrete for the columns at Bent 2, pulling the cofferdam rings at Pier 4, and attempting to pull the sheet piling of the cofferdam at Pier 4. The project as a whole is 18% complete with 55% of the contract time elapsed. Six men are working five 10-hour shifts per week. Construction layout, with two engineers engaged, is 30% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1.020-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Wm. C. Maart, Field Proj. Mgr.
Missoula, Mont., Phone 722-4461
Contract Time - 280 Working Days
Prob. Comp. Date - Oct. 30, 1976

Concrete has been placed for all bridge deck slabs, and preparations are now being made to place concrete for the curbs. There has been no work on the roadway. The project as a whole is 92% complete with 74% of the contract time elapsed. Eight men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 90% complete.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB-Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Oct. 15, 1976

The contractor has been moving in the hot plant, repairing and setting it up. There has been no work on the roadway. The project as a whole is 30% complete with 46% of the contract time elapsed. Fifteen men are working five 8-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 70% complete.

RF 164(22), Flint Creek Hill, Granite County
Length - 0.5 Mile - Guardrail
Contract let April 29, 1976
Amount of Contract - $22,410.48
Work Started June 2, 1976
Work Proceed Date - May 24, 1976

Frank Gurney, Inc. & Subsidiary
Spokane, Wash., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Montana, Ph. 859-3602
Contract Time - 90 Working Days
Completed - June 11, 1976

Final data will be forwarded to Helena about August 20, 1976.

RF 186(9), Perma - East
Length - 3.6 Miles, PM-Surf-Seal-Cover-G. Rail
Contract let June 26, 1975
Amount of Contract - $402,977.50
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Completed - Aug. 9, 1976

Final inspection and acceptance were made on August 10, 1976. The final data will be submitted to the Division office about September 10, 1976.

RF 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

Final data have not yet been returned to the Division office from the field.

F 215(25) & F 9999(5), U-3, City of Missoula
Length - 6.8 Miles, Upgrade Surf.-Signs-Signals
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973

Rainbow Electric, Contractor
Great Falls, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

Two engineers are working part time on final data for submittal to the Division office about August 27, 1976.

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North &
South & Evaro Hill - South
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started April 30, 1976
Work Proceed Date - April 16, 1976

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Mont., Contractor
C. W. Hegman, Field Proj. Mgr.
Missoula, Montana, Ph. 549-6491
Contract Time - 110 Working Days
Prob. Comp. Date - Sept. 21, 1976

Seal and cover operations are underway on Project FF 219(32) and are 35% complete. Sub-excavating and backfilling for shoulder widening are in progress on HHS 219(1), with gravelling operations 45% complete. There was no work on HHS 219(35). The project as a whole is 75% complete with 59% of the contract time elapsed. Twenty-seven men are working five 9-hour shifts per week. Construction layout, with a 12-man engineering crew engaged, is 85% complete.

HHS 223(10), Plains
Chain Link Fence & Sidewalk Construction
Contract let May 27, 1976
Amount of Contract - $8,990.00
Work Started June 16, 1976
Work Proceed Date - June 22, 1976

Horswill Roofing & Gen. Con.
Deer Lodge, Mont., Contractor
Gary Eichert, Field Proj. Mgr.
Superior, Montana
Contract Time - 40 Working Days
Completed - July 30, 1976

Final inspection and acceptance were made on August 9, 1976. Final data will be submitted to Helena about August 20, 1966.

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-Agg. Surf.-PMB-Widen & Guard Rail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

The contractor is pioneering cuts from Sta. 640+ to 740+ and placing pipe from Sta. 633+ to 720+. The project as a whole is 2% complete with 17% of the contract time elapsed. Eleven men are working five 8-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 65% complete.

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation - Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. E.Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time -120 Working Days
Prob. Comp. Date - Sept. 24, 1976

There has been no work the past month. The contractor is awaiting delivery of lighting materials. The project as a whole is 84% complete with 46% of the contract time elapsed. Construction layout, with 2 engineers engaged, is 99% complete.

M 8107(2), City of Missoula
Signalization of Intersections
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Prob. Comp. Date - Sept. 24, 1976

There has been no work the past month. The contractor is awaiting delivery of electrical supplies. The project is 67% complete with 52% of the contract time elapsed. Construction layout, with 2 engineers engaged, is 76% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976

Western Sign Corporation
Great Falls, Mont., Contractor
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - Oct. 15, 1976

Progress has been good. Plastic striping is being placed on various intersections in the City of Missoula. The project as a whole is 45% complete with 2% of the contract time elapsed. Five men are working five 9-hour shifts per week. Construction layout, with 2 engineers engaged, is 60% complete.

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

DEPARTMENT OF HIGHWAYS

RECEIVED

KALISPELL, MONTANA

August 13, 1976

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in Area 1230 for the period ending August 13, 1976.

G E N E R A L

Progress has been mostly good. Weather was intermittant rain with heavy precipitation on two occasions. Day time temperatures from +70° to 85° with night temperatures from +42 to +56°. Highways in normal summer driving conditions with heavy traffic.

P R E - C O N S T R U C T I O N

F-100(9) Columbia Falls East & West
S-334(2) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Oct. 30, 1976

F-100(9)

Two design personnel worked 4 days the past period on preparation of construction plans, in addition to miscellaneous work on projects ERFO-72(2) and S-404(6). Project F-100(9) will be ready for a Plan-In-Hand when recommendations are received from the Hydraulics Unit on the storm drain system. 224 man days have been used to date on design, which is approximately 45% complete.

S-334(2)

No work the past period on design. The project will be ready for a Plan-In-Hand when recommendations are received from Hydraulics on the storm drain system. 63 man days have been used to date on design, which is approximately 45% complete.

F-263(8) Stryker-Rooseville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Gerald Roat, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Est. Comp. Date: Dec. 1, 1976

The survey is now suspended pending shutdown of construction activities this fall. Survey as a whole is approximately 71% complete with 554 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Libby, Montana
Phone: 293-7012
Est. Comp. Date: Pending

No work on this location survey due to construction work. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-404(6) & M-6730 ( ) Kalispell - South Loop
Length - 3.5 Miles
Scheduled for September 30, 1976 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006

Northwestern Telephone Systems
Underground telephone main line cable will be completed August 12, 1976. Poles and anchors have been set for overhead portion of telephone relocation. Three (3)to seven(7) men have been working 1-8 hour shifts weekly on telephone relocation and have relocation approximately 30% complete.

Montana Power (Gas)
Crew of 1 to 3 men worked two shifts the past two weeks removing gas main and backfilling ditches. Relocation is approximately 95% complete.

Pacific Power
No work the past two weeks. Relocation remains approximately 30% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - July 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Jan. 15, 1977

No work has been done on design the past period. Seventy two (72) man days have been used to date on design, which is approximately 12% complete.

M-6701(1) Meridian Road - Kalispell
Length - 2.0 Miles
Survey Authorization Date - Feb. 21, 1975
Work Not Started

Personnel Unassigned
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Pending

No work the past month due to the need for personnel on other projects.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit. Base & Signing
Length - 10.0 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 110 Working Days
Prob. Comp. Date: Aug. 20, 1976

Progress has been fair. Work resumed August 6, 1976 with placement of additional 1" surfacing. Contractor employing approximately 15 men working variable shifts. Chip and seal began August 10, after waiting about six days for favorable weather. This item is about 35% complete. Project as a whole is 89% complete with 87% of contract time elapsed. Construction layout remains 98% complete. Six engineers and inspectors are assigned as needed.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 Miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975 (FHWA 8-28-75)
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975 (S.P. #17)
Work Started - Oct. 6, 1975

Fred Strandberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59923
Phone: 295-4741
Contract Time: 60 Working Days
Completed: June 18, 1976

The project was completed and accepted June 18, 1976. A total of 45 working days were used of approximately 74% of the contract time. One engineer will be working on final quantities as time permits. Estimated submittal date is October 15, 1976.

RF-BRF-100(15) Flathead River Br. Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - Mar. 31, 1974 (Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 300 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The prime and sub-contractors worked ten double shifts of eight hours per shift employing 22-42 men. The project is approximately 55% complete with 45% total contract time lapsed. Painting of the pedestrian and hand rail has been completed. The W.B. work bridge at present will service piers N. 2,3,& 4. The E.B. structure was opened to traffic August 6, and the prime contractor began removal of the old structure. Some miscellaneous form removal and finishing is still in progress for the E.B. structure. The sub-contractor (American Asphalt) has completed placing the gravel courses for the E.B. approaches and is presently completing the first lift of plant mix. Two state employees are assigned to the structure and six state employees for the roadway when required.

U191 (38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on 4
Intersection on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - Mar. 31, 1976 (FHWA April 1, 1976)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Not Started

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 45 Working Days
Prob. Comp. Date: Sept. 1, 1976

The contract was awarded on March 31, 1976. The contractor has been furnished a list of materials required for project. There is no time assessment being charged as per special provision No. 1-B. A preconstruction conference will be scheduled in the near future.

HHS 257(31) Dew Drop Curve
Curve reconstruction (Safety)
PS&E Date: July 29, 1976
Scheduled for August 28, 1976 Letting

Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006

No field work done the past two weeks.

DP-270(13) U.S. 93 North of Kalispell
Grade, Gravel Surface, Plant Mix Surf.
Length - 0.776 Miles
Contract Let - February 26, 1976
Contract Awarded - Mar. 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Company, Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 60 Working Days
Prob. Comp. Date: August 20, 1976

Progress has been good. The contractor employed seven (7) men, working variable shifts during the past two weeks. Type 2 plant mix is 100% complete. All items are 100% complete with exception of chip and seal and guardrail. The project as a whole is approximately 89% complete with 91% of the contract time elapsed. Construction layout is approximately 90% complete with a six man crew engaged.

RF-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One pre-stressed concrete
Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 14, 1975 (Conc. FHWA 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 18, 1975
Work Started - April 28, 1975

Zook Brox. Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Contract Time: 200 Working Days
Prob. Comp. Date: Aug. 20, 1976

Progress has been poor. Sub-contractor, Kalispell Neon, placed fencing items and sub-contractor Swanson started striping August 10. All fencing and striping are planned to be completed by August 16. The two subcontractors have had a total of five (5) men employed working variable shifts. Contract as a whole is 99% complete with 86% of adjusted contract time elapsed. Construction layout is 98% complete with five (5) engineers and inspectors assigned as needed.

The structure is complete pending final inspection.

RS-410(8) Wampoo-4th of July Creek - Yaak Rd.
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Bros., Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 140 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor is working one 8 hour shift five days a week with 20-25 men employed. Clearing and grubbing is under way from station 85 to 244 making this item approximately 75% complete. Two drills and compressors working in the area of station 32± to 38± this work is approximately 5% complete. The project as a whole is approximately 10% complete with 14% of contract time elapsed. Construction layout is about 20% complete with 12 engineers and inspectors assigned.

RS-DP 448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix. Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Dayton, Montana
Phone: 849-5569
Contract Time: 180 Working
Prob. Comp. Date: Oct. 1, 1976

Progress has been good. Contractor and sub-contractor employed 22 men, working 10-8 hour shifts. Grading and finishing of sub-grade is approximately 95%. Hauling and placing borrow between stations 50+ to 70+ makes this approximately 10% complete. Clearing and grubbing is 100% complete. 210 lineal feet of 24" cross drains placed making a total 1499 lineal feet making this approximately 73% complete. Fencing set left and right is approximately 90% complete. The project as a whole remains approximately 41% complete with 45% of the contract time elapsed. Construction layout is approximately 40% complete with a 17 man crew engaged with survey and inspection duties.

RF-9999(56) Safety-Flathead, Lake & Sanders Co.
RF-9999(71) Safety-Flathead, Lake Counties
Signs, Traffic Control Devices & Delineation
Length - 260.8 Miles
Contract Let - February 27, 1975
Contract Awarded - Mar. 3, 1975 (FHWA Conc.)
Proceed Order - April 16, 1975
Work Started - July 22, 1975

Western Sign Corporation
Great Falls, Montana
Jack Adamson, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Contract Time: 85 Working Days
Proj. Comp. Date: Nov. 8, 1975

The project was completed November 8, 1975. The Final has been submitted to the Division office for checking and will be forwarded to Helena about August 20, 1976. Pressing utility relocation inspection causing delay in checking.

SMP-2499-75 State Project
4 Crusher Setups in Flathead & Lake Counties
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $137,160.00
Proceed Order - January 9, 1976
Work Started - Mar. 17, 1976

McIntyre Const. Co. & Birch, Inc.
Great Falls, Montana
John Kalien, Div. Mat'l Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 90 Working Days
Project Completed: May 27, 1976

The Final was submitted to the Division office for checking and will be forwarded to Helena about September 1, 1976. Pressing utility relocation inspection causing delay in checking.

Howard C. Stockwell
FOR James J. Keithley, P.E.
Supervisor-Division Const. Section

JJK:HS:cs

RECEIVED
CONSTRUCTION BUREAU

Department of Highways

Butte, Montana

August 12, 1976

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending August 10, 1976. The weather has been warm with rain showers and temperatures ranging from +39° to +83°.

PRECONSTRUCTION

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
October 22, 1976

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items, with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin Boulder
Design
5.9 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Probable Completion Date:
March 14, 1977

Received MDH Bridge Department evaluation of two existing bridges. The timber bridge at High Ore Road is not usable as access road bridge but the bridge Lt of Sta. 1396 can be used with repairs. A cost proposal for construction staking and for design of the project extension is being prepared. Project as a whole is 27% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temproarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross section, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 214(7)
Intersection of 11th Ave. and
Fee St.-Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Updating Signing Plans. Submitted R/W brown lines to MDH on 11/18/75 for final office review. Received marked prints on R/W from MDH 12/02/75 and 1/08/76 for final corrections. Recieved Fencing and Utility Plans from MDH for final corrections. Received approval of Change Order for Design Study Report and Public Hearing 6/01/76. Design Plans are 90% complete. R/W plans are 95% complete. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
September 17, 1976

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.9 Miles
Silver Bow County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

RS 364(4)
Basin Creek Road
Location Survey
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

RS 364(4) Cont'd.
Work for the period consisted of plotting and inking cross section and checking profile and hardshell. A two man crew expended 8 man days for a total of 428 man days used to date. Field work on this project is 65% complete. Line and Levels run, cross section and topography taken are 100% complete. Section ties are 50% complete, hardshell and profile are 75% complete. Design work on the project is 9% complete. Notes reduced and checked are 100%. Cross sections plotted are 100%, cross section inked are 90%.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Mile
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

Work consisted of compiling lists of signs and culverts in place and of Utility lines on project and checking grades on profile. A two man crew expended 7 man days for a total of 65 man days used to date.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations & design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced; & the cross section plotted & inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neil to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

I 15-2(33)96 Unit 3
Divide South
Aggregate Surf., Pl. Mix
Bit. Surf. and Signing
5.910 Miles
Silver Bow County
Contract Let: July 18, 1974
Bid Price: $1,646,579.65
Work Started: August 21, 1974

McIntyre Constr. Co. & S. Birch Inc. (JV)
Great Falls, Montana
Joseph Bettle, Mgr.
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 200 Working Days
Completion Date:
June 9, 1976

Final Data is in Division Office but checking has not started. It is estimate that Final Data will be sent to Helena on November 12, 1976.

I 15-2(34)103 Unit 2
Divide North
The const. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0' prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

Feldman-Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1204
Contract Time: 200 Calendar Days
Completion Date:
June 21, 1976

Final data is in Division Office but checking has not started. It is estimated that Final Data will be sent to Helena on October 15, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide and Wisdom - Divide Roads
Aggregate Surfacing. Plant Mix
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1975
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 150 Working Days
Probable Completion Date:
September 15, 1976

Work the past period consisted of erecting fence, installing guardrail, erecting signs and working on the U.S. #91 Relocation. The contractor employed 19 men for 9-9 hour shifts. Project as a whole is 89% complete with 79% of the contract time elapsed. Construction layout as a whole is 100% complete with 7 Engineers and 3 Inspectors engaged.

I 15-2(34)103 Unit 4
Divide - North
The constructinon of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days

I 15-2(34)103 Unit 4 Cont'd.
Work Started: July 21, 1975

Probable Completion Date:
September 15, 1976

Work the past period consisted of conducting various construction activities. The contractor employed 4 men for 10-8 hour shifts. Project as a whole is 89% complete with 75% of the contract time elapsed. Construction layout as a whole is 95% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Final INspection and Acceptance July 21, 1976.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Aggregate Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch, Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Montana Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
April 16, 1977

Work the past period consisted of conducting grading operations and installing culverts. The contractor employed 46 men for 19-9 hour shifts. Project as a whole is 52% complete with 32% of the contract time elapsed. Construction layout as a whole is 68% complete with 7 Engineers and 2 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte Inter., Butte SPur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp. Lewis Const.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
September 17, 1976

I 15-2(38)120, I 115-2(6)126,
I 99-4(25)205 & I 90-4(31)207 Cont'd.
Work the past period consisted of installing delineators, erecting guardrail, and laying plant mix. The contractor employed 36 men for 10-8 hour shifts. Project as a whole is 79% complete with 78% of the contract time elapsed. Construction layout as a whole is 95% complete with 1 Engineer and 4 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Butte, Mt. Tel. 494-3666
Contract Time: 230 Working Days
Probable Completion Date:
August 31, 1976

The contractor resumed work 8-2-76. Progress during the past period was good. Work consisted Of: Sta. 29+00 (S.B.) Placing concrete, stripping & finishing end posts, Lt. & Rt. curbs. Percentage complete for the items are as follows: All items are 100% complete with the exception of - Br. Rail - Steel Type 5, 25% & Protective Coat, 0%. The structures as a whole are 96% complete with 135 of the 230 working days used or 59% of the contract time elapsed. During the past period the contr. (McEachern Const. Co.) worked 5-8 hour shifts with 4-men employed. Construction layout is 96% complete with a 4-man engineering crew assigned to this & 8904-26-01.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
October 31, 1976

Work the past period consisted of conducting grading operations and crushing gravel. The contract employed 56 men for 10-9 hour shifts. Project as a whole is 43% complete with 61% of the contract time elapsed. Construction layout as a whole is 81% complete with 4 Engineers and 3 Inspectors engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal and Cover
10.160 Miles
Beaverhead County

Clark Bros. Contractors
Victor, Montana
William C. Birkenbuel, Manager
Field Project
Wisdom, Montana Tel. 689-2255

RS 34(7) Cont'd.
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Started: July 26, 1976

Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Work the past period consisted of erecting fence, installing culverts and conducting grading operations. The contractor employed 17 men for 11-9 hour shifts. Project as a whole is 8% complete with 10% of the contract time elapsed. Construction layout as a whole is 75% complete with 5 Engineers and 1 Inspector engaged.

I 90-3(34)193 U1
I IG 9-4(26)194 U1 & RS 304(12)U1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Const. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Montana Tel. 494-4172
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Montana
Contract Time: 260 Working Days
Probable Completion Date:
Sept. 15, 1977

Road
Work the past period consisted of installing culverts, hauling borrow and erecting fence. The contractor employed 33 men for 9-8 hour shifts. Project as a whole is 3% complete with 11% of the contract time elapsed. Construction layout as a whole is 58% complete iwth 16 Engineers and 2 Inspectors engaged.

Bridges
Progress during the past period was good. Work consisted of: Sta. 1049+68.60 Bt. No. 2 & No. 3 (E.&W.B.) Completing driving service pile; placing concrete, stripping, finishing & backfilling footings & columns. Sta. 1150+10.00 Bt. No. 2 & No. 3 (W.B.) preboring & driving service pile; Bt. No. 2 & No. 3 (E.B.) preboring for service pile; Bt. No. 4 & No. 5 excavating for footings & driving test pile. Tieing up column & cross beam reinf. steel in yard. Percentage complete for the items are as follows: Conc. Cl. AD, 3%; Struct. Excav. Type 1, 29%; Test Pile T.T., 51%; Furn. T.T. Pile, 33%; Drive T.T. Pile, 24%; Pile-Prebore Holes, 20% & Reinf. Steel, 1%. The structures as a whole are 3% complete. During the past period the sub-contractor (McIntyre & Birch) worked 10-10 hour shifts with 20-men employed. Construction layout is 20% complete with a 4-man engineering crew assigned to this & 8153-25-02.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-1204

I IG 90-3(39)176 Cont'd.
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road
Work the past period consisted of erecting fence and conducting grading operations. Contractor employed 21 men for 10-8 hour shifts. Project as a whole is 3% complete with 12% of the contract time elapsed. Construction layout as a whole is 88% complete with 7 Engineers and 3 Inspectors engaged.
Bridges
Work Not Started

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the constructinon of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: Nov. 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
October 30, 1976

Progress was fair during the past two weeks.
Structures at Galen Interchange Sta. 939+75.20: Excavation for footings at Bent No. 3 W.B. and Bent No. 2 E.B. Placed and tied steel and poured concrete at above footings and columns and cross-beam at Bent No. 3 W.B.
Structures at Clark Fork River Sta. 1370+07.0: Drove sheeting and began footing excavation at Bent No. 1 E.B. Placed, tied steel and poured concrete cross-beam at Bent No. 1 E.B. Excavated key-way and began placing Filter Material, Gravel Blanket and Class II Rip-Rap along sides of Channel Change.
Percentages complete for items are as follows: Unclassified Channel Excavation 50%, Structure Excavation 72%, Reinforcing Steel 42%, Class AD Concrete 55%, Structural Steel 20%, Shoring & Crib 65%, Filter Material 20%, Gravel Blanket 20%, Class II Rip-Rap 33% and Mobilization 60%. The contractor worked ten (10) eight (8) hour shifts employing an average of fourteen (14) men. The Project as a whole is 44% complete with 47% of the contract time elapsed.

I 90-5(26)231
Homestake Pass - Three Forks
Resetting Guard Rail, Roadway
Realignment,
Conc. Median Rail & Signing
44.5 Miles
Jefferson & Broadwater Counties
Contract Let: August 15, 1974
Bid Price: $1,594,669.70
Work Started: Sept. 16, 1974

Long Constr. Co. Inc.
Billings, Montana
William Bork, Manager
Field Project
Butte, Mont. Tel. 494-5706
Contract Time: 200 Working Days
Completion Date:
November 21, 1975

I 90-5(26)231 Cont'd.
Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on September 8, 1976.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Rest Area,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let: August 15, 1974
Bid Price: $388,952.00
Work Started: Sept. 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 110 Working Days
Probable Completion Date:
October 15, 1976

No work on this project. Some Force Account work involving refinements to the waste disposal system is being contemplated. Also, the plant establishment period is still in effect.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
November 12, 1976

Work the past period consisted of hauling & laying gravel and conducting grading operations. The contractor employed 35 men for 10-8 hour shifts. Project as a whole is 40% complete with 30% of the contract time elapsed. Construction layout as a whole is 90% complete with 6 Engineers and 4 Inspectors engaged.

FF 214(8)
Signalizing of the intersections
of 11th Ave. and Sanders St., 11th
Ave. & Lamborn St., Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.00 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electric Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Probable Completion Date:
September 10, 1976

Work the past period consisted of conducting various construction activities. Contractor employed 3 men for 5-8 hour shifts. Project as a whole is 23% complete with 50% of the contract time elapsed. Construction layout as a whole is 80% complete with 3 Engineers and 1 Inspector engaged.

CONSTRUCTION

M 1803(2)
Harrison Ave. and Amherst St.-Butte
Signal Modification, Signing and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Not Started

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mont. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
October 29, 1976

Preconstruction conference was held July 20, 1976.

M 5805(1)
Signal Modification of various intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not STarted

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mont. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
September 30, 1976

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

RECEIVED
CONSTRUCTION BUREAU

Box 1110
Bozeman, Montana 59715

August 13, 1976

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and pre-construction operations in the Bozeman Division for the two week period ending August 13, 1976. With the exception of rainshowers in the Big Timber area the first part of the month, the weather has been favorable for all construction activities. Temperatures have ranged between 42 and 91 degrees.

P R E C O N S T R U C T I O N

F 9(6) Truck Escape Route
Virginia City - Ennis
Length - 0.530 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

RF 20 (4) US 191 Spur
Approx. Length - 6.7 Miles

William F. Nimmons, FPM
PHone: 587-0209 Bozeman

There was no survey work done on this project during the past period.

RF 20 (5) US 191 Big Sky Spur
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on this project during the past period.

FH 42-3(2)
Slide Near Karsts
Gallatin County

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 60 (15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

A five man survey crew is currently obtaining information as indicated from the preliminary plan-in-hand report dated June 30, 1976 and a memo from the Preconstruction Bureau dated July 19, 1976.

ROS 76 (10)
US 191 Gallatin Canyon Safety
Partial Survey For Future
Safety Upgrade

Roger E. Blossom, PE, FPM
PEone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-7 (17) 350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7 (18) 364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7 (21) 339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been submitted to Helena.

I 90-7 (40) 332
Snowfence
Approx. Length - 5.0 Miles

Engineer Unassigned

No field work has been requested to date.

U 203 ( ) Signals
Intersection Main & Third - Bozeman

Engineer Unassigned

No information requested from the field to date.

F 244 (15)
Raynolds Pass - Ennis
Length - 11.0 Miles

Martin J. Kolence, FPM
Phone: 587-4186 Bozeman

The information requested July 30, 1976 by the Location & Road Design Section will be obtained in the near future.

S 276 (1)
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Date of Completion: 5-1-77

There was no work on this location survey during the past period, and it remains approximately 39% complete.

HHS 370 (26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 587-0209 Bozeman

All data requested has been transmitted to Helena.

RS 463 (1)
Springdale - Hunters Hot Springs
Length - Approx. 2.2 Miles
Preliminary Survey

William F. Nimmons, FPM
Phone: 587-0209 Bozeman
Estimated Date of Completion: 3-30-77

The requested preliminary survey has not been started.

M 1201 (1)
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

Roger E. Blossom, PE, FOM
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202 (1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started 7-26-76

Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Mile
Survey Started 7-26-76

William F. Nimmons, FPM
Phone: 587-0209 Bozeman

A four-man engineering crew has been tying down property pins, setting bench marks, running centerline, and taking topography. At the present time 90% of the property corners have been tied to a coordinate system, 100% of the bench marks have been set, 1300 feet of centerline are in, and the topography for this section has been completed. The location is now approximately 15% complete with 50 man days expended.

RS 4144 (52)
Manhattan
Bridge End Protection (Statewide)

Engineer Unassigned

All requested information has been transmitted to Helena.

SRS 4148 (52)
BN, INc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

CONSTRUCTION

S 28 (14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started 6-27-75

Cop Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date: 8-30-76

Progress has been slow with the contractor employing between four and five men. Work the past period has consisted of laying and finishing the 1½" base course to grade. Sixteen units of rolling surface course were used, bringing this item to 133% complete. 50 M. gallons of water surface course were used, bringing this item to 90% complete. The contractor intends to start placement of the 3/4" top surfacing on August 12, 1976. A six man engineering crew is assigned to this project, which is 84% complete with 91% of the contract time elapsed. The contractor has 18 working days of contract time remaining.

RF 45 (13) Safety
Big Timber - North
Conc. Barrier Rail & Drainage
Length 0.0 Miles
Contract Awarded: 3-31-76
Contract Amount: $21,838.00
Proceed Order Date: 4-22-76
Work Started: 5-3-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 30 Working Days
Completion Date: 7-7-76

Three men have been working on the final estimate and supporting data which is now 75% complete. It is estimated that all data will be submitted to the Bozeman Office on August 20, 1976.

I 90-6 (30) 309, I 90-6 (36) 315 U-2 & I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Struct.
Length - 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date:

Progress has been fair with the contractor employing 49 men and working ten 8-hr. shifts. The contractor has been removing material from Sta. 107 to 115 and placing it in the fill area from Sta. 84 to 107. Material from the cut section between Sta. 164 and 175 is being placed in the fill area from Sta. 165 to 173. 120,000 cubic yards of unclassified excavation were accomplished during the past two weeks, bringing this item to 4% complete. Installation of the 8" perforated drain at Sta. 91+40, 175, 176+57, 211+91 & 217+22 has been completed. A total of 1,711 lineal feet of 8" perforated pipe has been installed, bringing this item to 10% complete. Installation of 24" culvert at Sta. 84+75 and 91+40 was also completed. Work is underway on the installation of culverts at Sta. 103, 116+50, 179+05 & 223+88. The fencing subcontractor completed farm fence between Sta. 148+60 and 160+00 on the right and from 192+00 to 249+80 on the right. Interstate fence was completed between Sta. 4+44 and 41+00 on the left and from Sta. 85+00 to 103+50 on the left. A fifteen man engineering crew is currently assigned to this project, which is 2% complete with 11% of the contract time elapsed. The contractor has 268 working days of contract time remaining.

I 90-6 (36) 315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Probable Completion Date: November 1, 1976

Progress has been good with the contractor working ten 8-hr. shifts. The past two weeks were spent forming the end walls and bridge decks on the eastbound structure. The deck on the westbound structure and the end walls for Bent #4 eastbound were poured on August 5, 1976. The end wall for Bent #1 and diaphragms on the eastbound structure were poured on August 12, 1976. 166 cubic yards of Class "AD" concrete were placed, bringing this item to 73% complete. 60,300 pounds of reinforcing steel were used, bringing this item to 60% complete. A three man engineering crew is assigned to this project, which is 87% complete with 62% of the contract time elapsed. The contractor has 69 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been good with the contractor employing between 65 and 85 men and working ten 9-hr. shifts on grading operations and six 10-hr. shifts on plant mix and graveling operations. Material from the cut at Sta. 319 is being placed in the fill between Sta. 324 and 330. Material is being hauled from the Miles borrow area and placed in the fill between Sta. 356 and 365. 188,000 yards of unclassified excavation have been accomplished during the past two weeks, bringing this item to 88% complete. Grade finishing and topsoil placement is in progress between Sta. 380 and 505. Plant mix base paving of Frontage Road "C" and "D" has been completed and paving of the Park County Frontage Road is 90% complete. 12,064 tons of plant mix base were placed, bringing this item to 10% complete. 7,500 tons of 1½" base course were also placed, bringing this item to 26% complete. Paving operations have been suspended until next spring. A sixteen man engineering crew is assigned to this project, which is 58% complete with 36% of the contract time elapsed. The contractor has 161 working days of contract time remaining.

HHS 127 (12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. &
Guard Rail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Proceed Order Date: 7-7-76
Work Started: 6-25-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Probable Completion: 10-22-76

Progress has been good with the contractor employing between three and eight men. Striping of the roadway was started and completed on August 8, 1976. Hanging of the guard rail was completed on August 9, 1976. At this time only seeding and fertilizing remain for completion of the project. A six man engineering crew is assigned to this project, which is 91% complete with 71% of the contract time elapsed. Contract time will not be assessed until after October 15, 1976 when the seeding will be started. At this time the contractor has 17 working days of contract time remaining.

M 1206 (2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Probable Completion Date: 8-6-76

With the exception of seeding on South Eighth, this project is complete. The couplet was opened to traffic on August 1, 1976. Manual work was completed on the signs on August 2, 1976. A two man crew is currently assigned to this project, which is 99.9% complete with 94% of the contract time elapsed. No time will be assessed until the seeding begins. The contractor has 3 working days of contract time remaining.

Respectfully submitted,

Edward J. Davis for RCH

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:rs

cc: Gary A. Gilmore, PE, Division Traffic Engineer, Butte

Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
August 13, 1976

RECEIVED
AUG 16 1976
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report Covering work accomplished in Divison 3130 during the period July 31, 1976 thru August 13, 1976.

GENERAL

Weather has been clear to overcast with temperatures ranging from 65° to 90°, rain has caused some delay in construction progress.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 30,1976

No work during this reporting period. Project is 44% complete.

F 64 (15) - Great Falls East
Location Survey
Length: 9.537 miles
Design is not started

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: July 1, 1977

No work during this reporting period.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length 26.5 miles
Design Started: January 12, 1976

F. Robinson - Mgr. FPU
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 31, 1976

No work due to engr. crew being assigned to other project. The survey is 23% complete with 625 man-days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1976

Three men worked 28 days preparing Design for P.I.H. due to a line change and the lengthening of the project. The Design is now 55% complete.

M 5201 (1) Part I - 6th St., Gt. Falls
Length: 0.4 miles Cascade Co.
Design Started: September 26, 1972
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Comp. Date: May 10, 1976

10th Ave. South to Stations 40 + 65 The Final Prints were submitted to Helena on May 10, 1976. Project is now 100% complete.

M 5201 ( ) Part II - 6th St., Gt. Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Station 40 + 65 to 68 + 00 Submitted second set of right-of-way sepias on July 13, 1976. Submitted construction, cross-sections and right-of-way plans for final plan-in-hand on July 21, 1976. Final plan-in-hand is sceduled for August 18, 1976. This portion is 55% complete.

M 5201 ( ) Part III - 6th St., Gt. Falls
Length: Unknown
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: Unknown

68 + 00 to Central Ave. West, Route Location Study Report No action has been taken since the Location Public Hearing, July 21, 1975. The Commission has stopped further study until completion of the update of the Great Falls Transportation Study. Study Report is 90% complete.

RS 348 (18) - 5 miles South of Fort Benton - South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976
G. Enderson, Mgr. - FPU
Great Falls, - Phone #453-2573
Comp. Date: June 11, 1976

Chouteau County Commissioners have removed this project from priority. Further work is on a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices and Guard Rail Revisions
Jefferson & Lewis & Clark County
Contract Awarded: June 30, 1976
Subject to FHWA Concurrence
Contract Amount: $1,048,319.90
Apex Construction Inc., Contractor
Spokane, Washington
Walt Smith, Mgr.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days

A 20 man crew working up Signing and Guardrails Notes and staking, layout is 63% complete. Contractor expects to begin work the week of August 16, 1976 Project as a whole is 0% complete with 10% of contract time elapsed.

I 15-6(15) 297 U-1 Dutton - No. & So. Schultz & Meyer Const. Co.
5.494 miles, Grade, Aggr. Surf., Plant Mix, Billings, Montana
Signing and Fencing T. Hammerbacker, Mgr. - FPU
Teton County Dutton - Phone #476-3472
Contract Awarded: March 26, 1974 Comp. Time: 360 Calendar Days
Amount of Contract: $2,743.068.92 Prob. Comp. Date: Sept 1, 1976
Work Started: June 19, 1974

Progress has been good. The Prime Contractor with 35 men employed, worked 1-4 hour shift placed 649 ton 1½" B.C. Gr. 5 A and 655 ton 1½"B.C. Gr. 5A Hyd. Lime Treated, on "D" Line, finished 1½" Base Courses on Aug. 3, 1976 Worked 1-4 hour shift placed 341 ton 3/4" Top Surf. Gr. 2A on "D" Line, finished on Aug. 4, 1976. Worked 1-4 hour shift placed 365 ton 3/4" Top Surf Gr. 3 B, on Approaches & Med. Turn Arounds, finished on Aug. 6, 1976. Worked 8-8 hour shifts placed 15,785 tons Plant Mix Bit. Surf. Type 3 completed all the mainline & Ramps, should finish plant Mix operations on Aug. 13, 1976. The Subcontractor plans to start stripping on August 16, 1976. Items and percent complete are: Base Course 1½" Gr. 5 A; 100%, B.C. 1½" Gr. 5A (Hyd. Lime Tr.); 100%, Top Surf. 3/4" Gr. 2 A; 100%, Top Surf. 3/4" Gr. 3 B; 100%, Plant Mix Bit. Surf. Type 3; 99% and Furn. Asph. Cement 120-150; 99%. The project as a whole is 92% complete with 74% of the contract time elapsed. Construction layout is 98% complete with a 16 man engineering crew engaged in surveying, inspection, testing and office work. Traffic is using East Frontage Road sta. 427+27.1 to sta. 666+98.9, 4.5 miles, which is in good travel condition.

I 15-6(20 304 - Teton River - N. & S. (S.Sect.) Hilde Maronich Const. Co. (JV)
contr. 4.3 miles Grading, Surfacing and Structures East Helena, Montana
Teton County H. Strong & S. Newton, Mgr.-FPU(road)
Contract Awarded: March 2, 1976 D. Harrison Bridge Insp. (Structure)
Contract Amount: $4,028,676.22 Brady - Phone #753-2581
Work Started April 1, 1976 Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Progress has been good. Erecting R/W Fence. Installing R.C.P. Culverts. Too wet for major operations. August 4 thru August 10. Items and percent complete are: R.C.P. Culverts; 25% and Fence; 40%. The project as a whole is 21% complete with 15% of the contract time elapsed. Construction layout is 70% complete with a 3 man engineering crew engaged in inspection and office work. P.T.W. in good condition. No detours. Progress on the Structures has been good. The contractor has been pouring concrete, finishing concrete, and setting prestressed beams. Teton River Structures sub-structure is complete except for Bent #6 Contractor started setting beams 8-3 and plans to start forming deck next week. No end fill at Bent No. 6 yet. Sep tion at Sta. 788 Started delivering service piles for this job 8-6-76. Contractor plant to drive these piles when he gets done with collins Interchange.

I 15-6(16) 308 - Teton River - N. & S. (N.Sect.) Hilde & Maronick Const. Co., (JV) Contr
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. East Helena, Montana
Base: Pl. Mix Bit. Surf.: Signing: H. Strong & S. Newton, Mgr.-FPU (Road)
Prestressed Conc. Grider Gr. Sepration T. Tomich, Mgr. - FPU (Structure)
Teton County Brady - Phone #753-2581
Contract Awarded: July 28, 1975 Comp. Time: 180 Working Days
Contract Amount: $2,070,763,97 Prob. Comp. Date: July 30, 1977
Work Started: September 9, 1975

Progress has been Fair. Contractor conduction finishing operations sta. 926 to 1090 crusher units and trucks moved off project on July 28, 1976. To wet for major operations. Items and percent complete are: Unc. Exc; 95%. The project as a whole is 49% complete with 49% of the contract time elapsed. Construction layout is 70% complete with a 3 man engineering crew engaged in inspection and office work. Traffic using F-2 & F-3 Rt. Rd. which is in good travel condition. Strucure progress has been slow the past 2 weeks due to rain and waiting for service piles. Piling started arriving 8-4-76 and is now all on project. Started driving pilling 8-10 and have been building footing forms. Will start double shift for pile driving tomorrow 8-11-76.

I 15-6(14) 311 & I 15-7(11) 312 Hilde & Maronick Const. Co.(JV), Contr.
Pershing South and Brady - N. & S. East Helena, Montana
11.5 miles Gr., Agg. Surf., Pl. Mix Bit. S. Newton, Mgr. - FPU (Road)
Base, Pl. Mix Bit. Surf., Lengthen 2 K. Minehan, Mgr. - FPU (Structure)
Add two Lane - Teton & Ponders Co. Brady - Phone #753-2581
Contract Awarded: June 5, 1975 Comp. Time: 240 Working Days
Contract Amount: $3,754,385.95 Prob. Comp. Date: July 30, 1977
Work Started: July 16, 1975

Progress has been good. Moving Uncl. Exc. 1970 to sta. 2270. Installing R.C.P. culverts. Finishing to sub-grade bluetops. Too wet for major operations. Items and percent complete are: Uncl. Exc.; 90% and R.C.P. Culverts 95%. The project as a whole is 64% complete with 55% of the contract time elapsed. Construction layout is 93% complete with a 15 man engineering crew engaged in inspection, surveying and office work. P.T.W. in good condition. No detours. Little Structure work has been done on this project during the last 2 weeks. Contractor worked some on culbert headwalls. Work remaing to be done on the structures includes some concrete finishing some work on Bridge Rail and clean-up.

I 15-7(16) 341 - Bullhead Rd. Inter. Meyer Const. Co., Contractor
0.940 mile, Gr., Aggr. Surf.; P.M.S. Billings, Montana
Signing and 284.5 Ft. Structure-Ponders Co. S. Newton - Mgr. - FPU (Road)
Contract Awarded: July 26, 1974 K. Minehan - Mgr. - FPU (Structure)
Contract Amount: $818,682.66 Bullhead Interchange-Phone #278-3551
Work Started: Sept. 30, 1974 Comp. Time: 160 Working Days
Comp. Date: April 12, 1976

All contract items were complete April 12, 1976 and Final Estimate was submitted to Division Office April 19, 1976. Final Estimate will be submitted to Helena on or about Aug. 20, 1976

RS 91 (6) & RS 329 (6)
Stockett - Gt. Falls Road and
Gt. Falls - Eden Road
18.3 miles Plant Mix Overlay
Cascade County
Contract Amount: $698,004.00
Contract Awarded: July 19, 1974
Work Started: September 18, 1974

Baltrusch Const. Co., Contr.
Havre, Montana
F. Robinson, Mgr. FPU
Great Falls - Phone #453-2573
Comp. Time: 90 Working Days
Comp. Date: May 6, 1976

Final Estimate submitted to Division Office on June 16, 1976 and will be submitted to Helena Office on or about Sept. 30, 1976.

BRF - TOX 218 (18)
Repair of the Sun River
Bridge - Great Falls
Cascade County
Contract Amount $329,654,68
Contract Awarded July 30, 1976

Frontier Construction
Missoula, Montana
T. G. Tomich, Mgr. FPU
Great Falls Phone #453-2573
Comp. Time 130 Working Days
Prob. Comp. Date: November 30, 1976

Work has not started on the project. The preconstruction meeting was held on August 11, 1976. Staking and layout is 30% complete with two men engaged part time.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Gravelling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc., Contr.
East Helena, Montana
Glen Enderson, Mgr. FPU
P.O. Box 1301
Conrad, Montana
Comp. Time: 110 Working Days

The Contractor plans to start grading operations and removal of trees the week of August 9, 1976. The proceed order Date was July 21, 1976. A 4 person engineering crew engaged in compiling construction quantities. The survey crew has been on occasion assigned to other projects. The project as a whole is 0% complete with 11% of the contract time elapsed. Construction layout is 75% complete.

SMP 2599-76
Stockpile Gravel Various Roads
Cascade, Lewis & Clark & Teton Co.
Contract Awarded: Jan. 23, 1976
Contract Amount: $113,775.00
Work Started: March 16, 1976

James Kraus Contractor
Great Falls, Montana
Dale Moore - Mgr. - FPU
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Comp. Date: June 16, 1976

Department of Highways August 13, 1976

All work was completed June 16, 1976. Final was submitted to Division Office June 23, 1976 and will be submitted to Helena on or about Sept. 17, 1976.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ps

Progress Report
Division 3230

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

August 13, 1976

RECEIVED
CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending August 13, 1976.

G E N E R A L

The weather this past reporting period has been favorable for construction. The temperatures have ranged from +45° to +98°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 mandays used to date.

HHS-95 (19)
U.S. #2 East of Havre
0.3 miles, Hill County

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

Design as a whole is 50% complete with 19 mandays used to date. Design data was sent to Helena on 6/22/76 for P.I.H. printing.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

One to two men worked 8 mandays on design changes. Design as a whole is 43% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

CONSTRUCTION

RS-12 (19) Harlem-Turner-1
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr:
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 6/10/77

The subcontractor, Rehbein Construction Company employed 6 to 13 men on seven 8 hour, one 10 hour, and two 12 hour shifts. Grading operations began on 8/6/76, and 21,000 C.Y. uncl. exc. has been moved for 10% complete. The fencing subcontractor, Kimmel and Reed Construction Company, employed 10 persons on ten 8 hour shifts, building fence. Fencing items are 30% complete. The project as a whole is 4% complete with 17% of the contract time elapsed. A 4 to 5 man engineering crew is engaged in project layout and inspection.

US-95 (17) Gildford-Havre-East
U.S. #2 - Havre, Hill County
1.3 mi. Grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. The prime contractor worked ten 8 hour shifts with up to 38 men employed. The street was excavated from 523+00 to 530+00 and from 537+00 to 543+00 making this item 65% complete. 3,600 tons of 1½" crushed base was placed on the roadway making this item 53% complete. 400 ton of 3/4" top surface material was placed from Sta. 504+00 to 513+50 and the same area primed making each of these items 40% complete. Lift 1 of 2 plant mix was placed from Sta. 492+88 to 507+75 making this item 15% complete to date. 800 Ln. Ft. of curb was placed making this item 40% complete. Sidewalk construction is 10% complete. The subcontractor, Lockrem Construction Co., has been adjusting water valves. The mainline is complete and drainage structures as a whole is 85% complete. The project as a whole is 40% complete with 43% of the contract time elapsed. A nine man engineering crew is assigned to inspection and construction layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Probable Completion Date: 9/15/76

Progress has been fair this reporting period. The contractor, Meyer Construction Company, moved approximately 28,500 Cu. Yds. of exc. for a total of 351,016 making this item 85% complete. Hauled and placed 16,397 tons of 1½" C.B.C. for a total of 54,691 tons, making this item 49% complete. The contractor installed 340' of 18" C.S.P. approach culverts making this item 47% complete. Cross drains on this project remain 72% complete. Contractor worked ten 9 hour shifts with up to 30 people employed. The project as a whole is 49% complete with 79% of the contract time elapsed. A 5-8 man engineering crew is engaged in inspecting contractor operations and general engineering work.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
pl. mix bit. surf., pl. mix bit.
Surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress has been fair. Two days were lost due to rain. The contractors worked eight 8 to 10 hour shifts with up to 35 men employed. 50,000 Cu. Yds. of uncl. exc. was placed for a total of 250,000 Cu. Yds. or 96% complete. Hauled and placed 10,315 ton 1½" C.B.S. for a total of 43,415 ton or 43% complete. Drainage items are 90% complete. The project as a whole is 59% complete with 34% of the contract time elapsed. A five to thirteen person engineering crew is working on inspection and layout.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles- Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co.,Inc.(JV)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

The subcontractor, Clark & Son, began work on August 3, 1976 with four men employed and worked two 3 hour and five 9 hour shifts setting panels Lt. Sta. 1436 to 1524. Removed and reset 12 rods fence Lt. Sta. 1438 to 1450, making fencing items 3% complete. A 6-13 man engineering crew worked two 8 hour, and nine 9 hour shifts. Slope stakes were set Lt. Sta. 1697+00 to 1716+75 on borrow area No. 4, and Frontage Rd. Lt. Sta. 1436+00 to 1523+00, and Frontage Rd. Rt. Sta. 0+00 to 27+73, making slope staking as a whole 86% complete. Staking of culverts

remains 45% complete. Sign notes and staking remains 15% complete. All centerlines are 100% complete. Grades computed and checked is 95% complete. Bench levels established remain 100% complete. Construction layout as a whole is 75% complete. Utility Revisions: Marias River Electric did not work this reporting period, and remain 60% complete with their revisions. Northern Telephone Coop. completed their line revisions 7/7/76. However, Mr. Lloyd Lanius, Mgr., advised 8/4/76 that communications are going out as damage may have resulted with installation. He will redo the revision using new cable. No work during this reporting period. The Burlington Northern RR began installing temporary X-ings 7/15/76 and completed X-ings and buried cable 7/29/76. Structures: The subcontractor, Sletten Construction Co., worked ten 8 hour shifts with up to 5 men employed. Test Pile has been driven on all intermediate Bents of the Sunburst Interchange Sta. 1419 and structure over Railroad at Sta.1439. All footings on intermediates mentioned above have been excavated to grade. Sub-surface and run-off from rain have filled footings on the Sunburst Interchange, but are being pumped in preparation for service pile. The subcontractor has the structures 2.7% complete as of this date. A 2 to 3 man engineering crew has been engaged in project inspection on this and other projects. The contract as a whole is 0.5% complete with 12% of the contract time elapsed.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc.(JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 9/31/76

Progress has been slow. The contractor employed up to 9 men on 1-10 hour shift per day finishing the rdwy to bluetops and placing topsoil. Hilde moved off the project on 7/30/76. The subcontractor, McIntyre Construction, started excavating and forming for the slope protectors at Sta. 142+00, with up to 5 men employed. One man is inspecting the contractor's operations and one to two men are in the office working on notes. Structures: Progress has been good. The subcontractor, McIntyre Construction Company, and S. Burch, Inc., worked ten 8 to 12 hour shifts with up to 8 men employed. Pile driving operations are 89% complete. Concrete on the substructure units is 63% complete and the structure as a whole is 20% complete. A two to three man engineering crew is engaged in project inspection on this and other projects. The project as a whole is 75% complete with 66% of the contract time elapsed.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. Girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Probable Completion date: 8/1/76

The contractor, Sletten Construction Co., worked two 8 hour shifts with one man employed doing minor or touch-up finishing on structures at Sta. 540+00. Presently waiting for rain to quit so that protective coat can be applied on all the structures under this contract.

I-15-8 (28) 343 U-2 (Continued)

The project as a whole is 99% complete with 70% of the contract time elapsed. A two to three man engineering crew has been engaged in project inspection on this and other projects.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Probable Completion Date: 10/31/76

Progress has been fair this past reporting period the contractor has worked ten 8 hour shifts with up to 17 men employed. On the structures: Stripping and finishing continues throughout on South Bound, forming on deck and O-hang on North Bound with this about 75% complete. The subcontractor, Hilde Construction Co., has not worked on grading operations this past reporting period. The project as a whole is 92% complete with 78% of the contract time elapsed. A 2 to 3 man engineering crew is engaged in project inspection and layout on this and other projects.

I-15-8 (30) 351
Shelby, Westside-North
2.844 miles, Toole County
Reset Guardrail and
Impact Attenuators
Contract Let: 6/9/75
Contract Amount: $217,975.40
Work Started: 10/29/75

Apex Construction, Inc.
Spokane, Washington
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 110 working days
Completed: 6/4/76

The final estimate and supporting data was prepared and submitted to the Construction Bureau on 8/6/76. This constitutes a final entry in this report.

M5708 (1) & RS 70 (10)
Havre-South (North Section)
Hill County
1.23 miles, grade, aggr. surf.
pl. mix bit. surf., signing
and installation of Flasher
Contract Let: 1/15/75
Contract Amount: $899,539.01
Work Started: 3/21/75

Baltrusch Construction Co., Inc.
& Affiliates, Havre, Montana.
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 130 working days
Completion Date: 3/20/76

One to two men have been working on the final estimate whenever possible. Due to the engineering crew having to work on Project U-95 (17), the final estimate is now expected to be submitted to the Division office on 8/20/76. One Division office engineer worked 5 days checking summaries and preparing construction summary linens.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert W. Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/15/76

Progress has been good. The contractor, Sletten Construction Co., worked 5 days per week employing 8 men except on 8/5/76 when they employed 15 to 18 men on the deck pour and worked 18 hours from 6 A.M. to 12:30 A.M. The bridge deck has been poured and curbs are formed for a pour early next week. The subcontractor, Krause Construction Co., worked 5 days per week, 8 hours per day and longer on repairs. Mainline is ready for bluetops, channel excavation is complete, and borrow areas are ready for remeasure. Riprap is 85% complete. The project as a whole is 80% complete with 53% of contract time elapsed. A two to three man engineering crew is engaged in construction inspection and layout.

SMP-0899-76
Couteau, Glacier
and Hill Counties
Crushing & Stockpile
Contract Let: 1/23/76
Contract Amount: $118,078.00
Work Started: 3/31/76

Francis Tindall
Lewistown, Montana
William J. Neely, Lab. Supr.III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Probable Completion Date: 10/15/76

No work on this project. All contract items are 100% complete. Contract time has been suspended, until seeding of pit area can be accomplished, in accordance with Art. 17:13 (F) 2. The project as a whole is 96% complete. 100% of the original contract time has elapsed and 80% of extention time remains. All project notes and data was submitted to the Division office on 7/22/76. All gravel quantities have been checked by Division office personnel.

TQX-220 (14) Cut Bank-West
4.95 mi. Glacier County
Pl. mix surf. overlay
(skid correction)
Contract Let: 7/30/76
Contract Amount: $236,519.40
Work not started

Gus M. Albert
Miles City, Montana
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone: 434-2022
Contract Time: 40 working days.
Probable completion date: 10/15/76

There has been no work on this project this reporting period due to working on other projects. The contractor has not yet requested a preconstruction conference.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section-Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
AUGUST 12, 1976

RECEIVED
AUG 18 1976
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending August 10, 1976.

GENERAL

Progress throughout the Division was fair. The weather was mostly fair with temperatures ranging from +50 degrees to +100 degrees.

PRECONSTRUCTION

I-94-7(11)244, YATES ACCESS ROAD
Length - 2.2 Miles
Survey Authorized - March 8, 1976

Gerald L. Kuester, Designer II
Glendive, Mont. - Phone 365-5296
Est. Design Comp. Date-Sept. 15, 1976

During the past period 5½ man days were used plotting X-sections, running grades and computing yardages on county road revision and working on linen summary sheets. Design is 95% complete.

F-RF-245(12), SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

During the past period no work done on this project. Flyline, centerline, bench levels and cross-sections are 100% complete. Plotting Plan and Profile are 99% complete, irrigation and drainage items are 99% complete, and section ties are 99% complete. This survey remains 99% complete with 781 man days used to date.

RF-325(9), SIDNEY - FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Field Proj. Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used.

RS-31(7), CIRCLE - NORTHWEST
Length - 10.524 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975

H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1977

Survey was suspended March 1, 1976 with 416.5 man days used to date. The survey is approximately 47% complete.

RS-302(24), BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing is scheduled Aug. 10, 1976.

RS-347(15), ALZADA - EKALAKA
2nd SECTION - 18.4 MILES
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. Work will begin when personnel are available.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6), MARSH - GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - December 1, 1976

No work on this project during the past period. Design remains 9% complete with 28 man days used to date.

RS-361(13), PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G. L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. -- Roadway
C. H. Neiffer, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

Progress this past period has been fair. Prime contractor, Joe Mayo & Son, Inc., employed 20 men for 9 nine-hour shifts excavating and placing 40,075 cu. yds. of unclassified borrow making this item 29% complete, employed 47 men for 9 nine-hour shifts crushing and hauling 25,329 tons of 1½" C.B.S. Type A Gr. 5 to East and Westbound lanes making this item 29% complete, and employed 21 men for 5 eight-hour shifts producing and placing 11,396 tons of 1" Type III Plant Mix on Old U. S. #10 making this item 49% complete. Structure sub-contractor, Swingen Construction, employed 24 men for 9 eight-hour shifts depositing concrete for cap on Westbound Bent No. 2 on the bridge over the B. N. Railroad and for columns on Bent No.3 of the Fallon Interchange, also placed sand-gravel cushion and concrete slope protection on left side of Fallon Interchange. Project as a whole is 24% complete with 70 working days or 27% of the contract time elapsed. Construction layout remains 86% complete with 8 engineers and 12 inspectors or testers employed this past period.

I-94-5(15)183 UNIT I
FALLON-DAWSON COUNTY LINE
Length - 0.221 Miles
Bridge Substructure and Approaches
Contract Awarded - July 29, 1974
Amount of Contract - $2,167,615.36
Work Started - August 7, 1974

Sletten Construction Co.
P. O. Box 2467, Great Falls, Montana
H. D. Kelly, Fld. Proj. Mgr., App's
A. J. Kuntz, Fld. Proj. Mgr., Substr.
Glendive, MT - Phone 365-5296
Contract Time - 300 Working Days
Comp. Date - April 21, 1976

All work was completed on this project April 21, 1976. The supporting data for the bridge portion of the contract has been turned into the Division Office where final checking is 90% complete. The grading portion of the final estimate is an estimated 80% complete with no engineers employed this past period.

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 1, 1976

Progress during the past period has been fair. One 8-hour shift was lost due to rain. Nine 8-hour shifts were worked with 23 employed. 4,652,139 lbs. of structural steel has been delivered to the Fallon siding or 78%. Girders were being hauled from siding to project site. Girders for spans No. 1 & 6 WBL and Span 6 EBL were partially assembled and set near their respective locations. The two interior girders including two bays of fill in iron was set over Pier No. 5 WBL. Field splice No. 10 for the two interior girders WBL was being made up on the ground. Project as a whole is 10% complete with 0 calander days used or 0% of the contract time elapsed. Construction layout with one engineer and one inspector assigned is 31% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, MT 59101
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44. Plant Establishment Period ending Sept. 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202, GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr., Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - October 31, 1976

Progress this past period was good. Prime Contractor Joe Mayo & Son, Inc. worked nine 9-hour shifts employing 30 to 42 men. Work consisted of installing 500 lin. ft. of culverts for 56% complete, hauling and compacting 137,940 cu. yds. uncl. exc. for 82% complete. Sub-contractor F. L. Flynn & Co., worked ten 8-hour shifts employing 14 to 17 men. Work consisted of placing Class "AD" concrete for right curb and all end posts on structure at Sta. 2979+271, abut. footings & walls, abut No. 1, Footings & Columns Bent No. 2, Footings, abut No. 4 on structure at Sta. 3227+50 for 68% complete. Furnished and drove steel bearing Pile on structure at Sta. 3227+50 for 100% complete. The project as a whole is 60% complete with 142 working days used or 59% of the contract time elapsed. Construction layout with two to seven engineers and two inspectors is estimated to be 82% complete.

PROGRESS REPORT CONSTRUCTION

RF-245(27), GLENDIVE-SIDNEY, SAVAGE-SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - January 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Comp. Date - July 20, 1976

All major items are 100% complete. Maint. forces applied 1300 gals. of dilute reclamite to travel lanes, and on July 20, 1976, the project was completed and accepted. Final estimate is approximately 95% complete.

RF-246(21)
LINDSAY - NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1975

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Prob. Comp. Date - October 1, 1976

Progress this past period has been fair. Prime contractor Gus Albert worked five 9-hour shifts and ten 8-hour shifts crushing and placing 62,391 tons of 1½" CBC type "A" Gr. 5, a total of 40 men were employed. Sub-contractor Rehbein Construction Co. worked eight 10-hour shifts, installing 85 lin. ft. of culvert making the drainage items as a whole 100% complete; hauling and placing 13,170 cu. yds. uncl. exc. for a total to date of 478,170 cu. yds. or 100% complete. Also hauled and placed type "B" Random RipRap of 47 cu. yds. to make this item 100% complete. A total of 10 men were employed. The project as a whole is 80% complete with 156 of 228 calendar days or 68% of the contract time elapsed. The construction layout with 15 men engaged is 95% complete.

RF-391(16), LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum, Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dakota
James Baldwin, Field Proj. Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date - June 1, 1977

Progress this past period has been good. Twelve men on the crushing crew worked eight 8-hour shifts on crusher repair and twelve 9-hour shifts crushing and stockpiling plant mix aggregate. Completed stockpiling on August 10, 1976, and plans are to move the crusher to another project and come back at a later date and crush and stockpile the cover material. 45 men on the hot plant crew worked nine 9-hour shifts this past period placing grade "C" plant mix surfacing on the roadway. The first lift is now complete and second lift has been placed on the far east 10 miles and west 14 miles. 96,000 tons of grade "C" plant mix surfacing has been placed to date for 83% complete. Plant mix surfacing should be completed by August 18. The project as a whole is 57% complete with 52 days or 47% of the contract time elapsed. A six man state inspection crew is engaged on quality control. The construction layout, with a 5 man engineering crew engaged is 80% complete.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Proj. Mgr.
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

An eight man grading crew moved on the project on August 2, 1976, working 9-hour shifts. Work consisted of stripping topsoil, placing pipe and building a holding dam for water on the north end of the project. The construction layout remains at 75% complete with a 4-man engineering crew and 1 man grading and Pipe inspection crew engaged on the project. The project as a whole is 0% complete with 37 days or 23% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

RS-128(14), 9 MI. NORTH OF WIBAUX - NORTH
Length - 4.5 Miles
Grade, Agg., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem - Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Sept. 15, 1976

Progress this past period was fair. Prime contractor worked six 9-hour and two 5-hour shifts hauling and placing 27,000 cu. yds uncl. exc. for 99% complete. Topsoil is 95% complete, class "DD" concrete 61% complete. Contractors employed 28 men. Sherrodd, Inc., Culvert sub-contractor, worked one 7-hour and six 9-hour shifts on drainage items making them 99% complete. Two men were employed. Project is 85% complete with 157 working days or 103% of the contract time elapsed. Construction layout with 3 to 7 men is 95% complete.

RS-302(23) TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf. Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H.D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

There has been no work on the project this past period. Prime contractor, Joe Mayo & Son, Inc., has indicated that grading operations will begin in late August or early September 1976. The project as a whole remains 5% complete with 71 working days or 39% of the contract time elapsed. Construction layout remains 80% complete with no engineers employed this past period.

RS-347(17), ALZADA-EKALAKA
Length - 4.3 Miles
Grade, Aggr., Surf. Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310 Cavalier, No. Dakota 58220
B.F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Prob. Comp. Date - September 30, 1976

Progress this past period has been poor. Sub-contractor Jim Swan & Son employing two men worked three 8-hour shifts. Work consisted of excavating and forming for cut off walls right of stations 2795± and 2825±. Sub-contractor Richard Schmoll employing three men worked three 8-hour shifts. Work consisted of removing of bridge rail, cutting post off to proper length, painting post and replacing them on bridge. The project as a whole remains 85% complete with 68 working days or 52% of contract time elapsed. Construction layout with one man employed is estimated 89% complete.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/sb

RECEIVED

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
August 13, 1976

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

PROGRESS REPORT
Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending August 13, 1976.

GENERAL

The weather has varied from cool to warm with strong gusty winds and measureable amounts of precipitation this past period. Progress on road construction has been fair. Off system roads and signing projects are progressing slowly. The temperatures ranged from a low of 61 to a high of 88 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701
Est.Compl.Date--03-31-77

No work on project the past period. Centerline and bench levels remain at 60% complete, section ties at 15%. Field work on project suspended until the end of the current construction season. Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--09-15-76

No work accomplished on project the past period. Cross sectioning remains 12% complete and mainline topography is 75% complete. Centerline, bench levels and utility topography are 100% complete. Survey is 48% complete or the mile equivalent of 3.8 miles. A total of 202 man days have been used to date on location survey. Milar detail map is 75% complete.

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act.Compl.Date--04-02-76(Location)
Est.Compl.Date--08-15-76

RS 257 (5), Tampico-Glasgow (Continued)

Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel and these are being obtained. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. One man day was used on design this period. A total of ninety-two man days have been used to date on design which is 30% complete. Linen plan sheets submitted to Helena for right of way and utility prints.

RF 266 (14) Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--

Public hearing held on October 7, 1975. Preliminary alignment has been established on auto screen map. Property owners have been contacted for written authorization to survey.

CONSTRUCTION

S 8 (18), Opheim-East
11.735 Miles in Length
GR.,AGG,SURF.,PL,MIX.BIT.BASE & SIGNING
Contract Let--10-25-73
Contract Awarded--10-26-73
Work Started--04-24-74
Proceed Order Date--04-16-74
Bid Price--$848,538.65

Zook Brothers Construction Company
Great Falls, Montana
George L. Nelson, Field Proj. Mgr.
Opheim, Montana
762-3292
Calendar Days--270+69
Actual Compl.Date--08-16-75
(254 Cal.Days)

Project is 100% complete. Final estimate being held in Division Office until additional data is furnished by contractor for change order documentation.

RS 15 (17) & RS 202 (6),
Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismark, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob.Compl.Date--10-15-76

Contractor began work on 08-11-76. Work consists of stripping topsoil and overburden from gravel pit and setting up crusher equipment. Five contractor employees worked 1 - 9 hour shift. Project is 0% complete with 55% of the contract time elapsed. A four man engineering crew is periodically engaged on the project.

RS 98 (7), Wolf Point-North & East Loop
(West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Prob.Compl.Date--10-15-76

RS 98 (7), Wolf Point-North & East Loop
(West Section) (Continued)

Project is 99% complete with 70% of the contract time elapsed. The only work remaining is seeding gravel pit area which will be accomplished this fall. One engineering personnel working periodically on the final.

RF 153 (12), U-1 Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const.,Inc. & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob.Compl.Date--08-31-76

Sub-contractor, Bozeman Sand & Gravel, employed 2-4 men on 10 - 8 hour shifts this past period. Major work consisted of forming and pouring cutoff walls left and right for SPPAC station 10+50, and general cleanup, also hooking up new waterline and pressure testing. Contract time suspended 08-03-76 waiting for road mix to cure. The project as a whole is approximately 85% complete with 84% of the contract time elapsed. One to two engineering personnel working on quantities and inspection.

RF 193 (23) U-1, Froid-North and RS 206 (3)
Homestead East and West
15.16 Miles in Length
GR.AGG.SURF.,PL.MIX.BITUM.SURF.,SIGNING & PL. MIX BITUM. OVERLAY
Contract Let--04-24-74
Contract Awarded--04-26-74
Proceed Order Date--05-22-74
Work Started--07-01-74
Bid Price--$1,561,581.00

Meyer Construction Company
Billings, Montana
James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701
Calendar Days--330+40
Act.Compl.Date--05-21-76
(322 Working Days)

Six man days were used by division office personnel checking final data which is 95% complete and will be submitted to Helena about August 25th.

RF 240 (13), Lighting on U.S. 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45(See Special Provision)

No progress to date.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT.BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj.Mgr.
Malta, Montana
654-1391
Working Days--150
Prob.Compl.Date--10-15-76

The project remains 100% complete with the exception of the seeding of the gravel pit which cannot be done until the fall seeding season. 144 of the 153 contract working days have been used for 94%. One to two engineering personnel working intermittently on final quantities. Estimated submittal date for final to date without the seeding quantities is 08-27-76.

SMP 4399-75, Maintenance Stockpiles
McCone, Richland, Roosevelt, & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded--12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.00

Francis Tindall, Contractor
Lewistown, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--95

Project is 100% complete with the exception of final cleanup and seeding of the pit areas. 94% of the contract time has elapsed. One engineering personnel working periodically on the final. Final was submitted to the Division Office 08-09-76 for checking.

Respectfully submitted,

Vernon D. Borden, P.E.
Supr.-Div.Constr.Section

VDB:BH:jh

cc: Field Project Managers
Don Williams
File

Progress Report
Division 5130

RECEIVED
AUG 16 1976
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Billings, Montana

August 13, 1976

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending August 13, 1976.

GENERAL

Temperatures ranging from +55 to +85 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the constructions projects.

PRECONSTRUCTION

I 90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Not Started

Robert E. Ewing, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 2-1-77

Work will commence as soon as personnel are available.

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2 76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11 30 77

No work was accomplished on this project during the last reporting period. Design work is 25% complete.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10 75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2 2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 12-15 76

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-76

No work was accomplished on this project during the last reporting period. Design work is 52% complete.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12 22 75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 7 15-76

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 252(4) Rosebud South (North Section)
8.100 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31-76

Three employees worked on this project during the last reporting period plotting templates and notes on the cross sections and linen plan sheets for use at the design Public Hearing and Pre Plan In Hand inspection. The Design crew made an inspection trip on the project to review drainage and approach road locations. Design work is 26% complete.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 9-15-76

No work was accomplished by the field engineering crew during the past two weeks. All personnel are assigned to construction project RF-FLH 334(25). There is 422 man days used to date and the project is 44% complete.

I-IG 90 8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322 5952
Contract Time: 260 Working Days
Probable Completion Date 9-30-76

The contractor and subcontractors did not work during this period. All bridge items remain the same as previously reported. Grading items are 99% complete. Fencing items are 62% complete. Drainage items are 97% complete. Surfacing items are 55% complete. Guardrail items are 44% complete. Construction layout is 94% complete. A six man engineering crew has been running poppy line, computing quantities and checking notes. The project is 89% complete with 56% of the contract time elapsed.

I 90-9(28)509 U1 Garryowen N. & S.
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 10-30 76

Fair progress. The contractor and subcontractors worked ten 9-hour shifts with 55 people employed. Grading being done on the East Frontage Road from Station 875+ to 906+ and from Station 114+ to 175+ Eastbound and on G-3 & G-4 ramps. 28,700 cubic yards unclassified excavation hauled for a total to 56,232 cubic yards or 40% complete for this item. 200 lineal feet of culverts installed, approach pipes and safety culverts at Station 191+ to 91+ for a total to date of 5,792 lineal feet of culverts installed or 84% complete on this item. Crushing and placing 3" gravel from Station 28+ to 125+ East and Westbound and from Station 176+ to 240+ East and Westbound. 1½" gravel from Station 28+ to 50+ on Westbound. A total of 165,640 tons has been hauled to date or 35% of gravel placed. Placed concrete edge protection around culverts left and right station 52+. Detour constructed with road mix asphalt from Station 102+ to 184+ striped, signed, and open to traffic. On the FI-188(10) portion of this project, subcontractor set up scales and preparing for concrete approach slabs. 1½" and 3" gravel placed and graded on approach ramps. The contract as a whole is 45% complete with 58% of the time elapsed or 166 days used. A seventeen person engineering crew is engaged in bluetopping, staking, remeasuring, gravel checking, various inspections and related office work.

I 90-9(28)509 Unit 2
Structures on Garryowen
North and South
0.030 Mile in Big Horn Co.
Contract Let 8-15-74
Amount of Contract - $638,451.76
Work Started 10-16-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 170 Working Days
Completion Date 5-11-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 95% complete. No man days have been charged to the project this newsletter period.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23 75
Work Not Started

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 10-30-76

The contractor has not moved in on this project. No work is being done by the engineering crew. There has been 50% of the time elapsed or 60 days used.

I 94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 350 Calendar Days
Probable Completion Date 8-30-76

Fair progress. The contractor worked five 9-hour shifts fencing around structure ends throughout the project. Hilde Construction Co., holder of the surfacing contract, worked two 8-hour shifts grading around the structure ends after removing the by-pass detours which had been left in place by the grading contractor for use by the surfacing contractor. A total of six men were employed. The grading is 100% complete. Fencing is 95% complete. Seeding is 99% complete. Drainage and surfacing items are 100% complete. The project is 99% complete with 79% of the contract time elapsed. One person was assigned to the project as an inspector. The engineering layout is 99% complete.

I 94-1(27)23 Unit 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15 74
Amount of Contract - $1,219,075.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 95% complete. Fourteen man days have been charged to the project this newsletter period.

I 94-1(41)23 Pompeys Pillar East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles Yellowstone County
Contract Let 11 14 74
Amount of Contract $2,147,544.57
Work Started 11 22 74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875 2503
Pompeys Pillar, Montana
Contract Time: 200 Working Days
Probable Completion Date 9-1 76

Fair progress. The contractor worked eleven 8 hour shifts laying bituminous curb, removing transition detours at both ends of the project, seeding all borrow pits and general cleanup. Walt Lins, striping subcontractor, worked seven 8 hour shifts completing the traffic striping throughout the project. A total of 14 men were employed. All major items are 100% complete with some work on detour removal, general cleanup and finishing still to be done. Also some minor repair work remains to be done on the Pompeys Pillar Access Road which the contractor plans on doing in September when equipment will be available from another project. The project is 99% complete with 70% of the contract time elapsed. Two persons were assigned to the project for engineering and inspection. The engineering layout is 98% complete.

I 94-2(17)60 Ul & I 94 2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr. Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29 75
Amount of Contract $4,998,829.68
Work Started 7 3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342 5317
Contract Time: 300 Working Days
Probable Completion Date 7-1 77

Poor progress. No working days have been lost due to adverse weather conditions. Swan and Sons Const., Inc., subcontractor, worked six days installing concrete drain chutes, and pouring concrete bases for cattle guards. Frank Gurney, Inc. subcontractor, worked eight days removing median guardrail and guardrail on the Safety Upgrading portion of the project. Ten men were employed by the subcontractors, and work was scheduled for one eight hour shift, five days weekly. Percentage complete of the various items are as follows. Grading 77%. Drainage 79%. Surfacing 11%. Structure 97%. Fencing 67%. Signing 4%. Project as a whole 44%. Five employees are presently assigned to this project. Construction layout is now 50% complete. 167 of the allotted 300 working days have now been used, making 56% of the contract time elapsed.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1 75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 175 Working Days
Probable Completion Date 9 1 76

Fair progress. The contractor worked ten 8 hour shifts and employed five men on the project. The contractor is stripping and finishing at Station 1040 and finishing at Stations 840 and 1334. There is no change in the contract items from

the last newsletter period. The project is 93% complete with 161 working days, of which five days are time extensions, or 92% of the contract time elapsed. Structure staking and computations are 88% complete. Twenty-four man days have been charged to the project this newsletter period.

RF 108(16) Billings-North
Billings - Roundup
6.9 Miles in Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.,
Drain and Structures
Contract Let 7-29 76
Not Awarded

McEachern Const. Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Completion Date Unknown

Award of this contract is pending relocation of Continental Pipeline. The crew has been staking Centerline and is 100% complete, and also setting R/W points and ran R/W line which is 40% complete. Engineering time is 2% complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1 77

Good progress. Drainage work in progress has been the excavation for and the installation of the Drop Inlets and Drain Pipes on Center Ave. between 20+00 and 68+00. Grading work is in progress on Center Ave. between Station 20+00 and 24+60. 1½" Crushed Base course is being hauled and placed on Center Ave. between Station 24+50 and 68+55.5. Curb and Gutter was placed on 3rd St. between Station 108+00 and 148+91.1 left and right. The subcontractor, Sandon Construction Co., worked ten 9-hour shifts with seven men employed. The contractor worked ten 8-hour shifts with twenty men employed. A total of 27 men were employed on the project this reporting period. The miscellaneous items are 16% complete. The grading items are 49% complete. The drainage items are 60% complete. The fencing items are 43% complete. The surfacing items are 49% complete. The curb and gutter items are 12% complete. The project as a whole is 45% complete with 70 days of the 183 working days allowed having been used or 38% of the contract time elapsed. One five man survey crew has been pipe staking, bluetopping subgrade and gravel and staking curb and gutter. Two men have been working in the office on quantity and other notes. One man is on pipe and compaction inspection. Two men are on curb and gutter inspection. A four man crew is assigned to the gravel operations. Engineering layout is 53% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Probable Completion Date 10-15-76

Good progress. Five 9-hour shifts hauling 1½" base aggregate to the roadway and ten 12-hour shifts on pavings. Sixty men were employed by the contractor during the past two weeks. Work in progress consists of placing 1½" base aggregate between Station 133 to 207, shoulder aggregate from Station 248 to 451+75, placing plant mix base from Station 133 to 451+75 and installing 12' cattle guards between Station 140 to 200+00. All items are as follows. Grading 97% complete. Drainage 99% complete. Aggregate Surfacing 83% complete. Bituminous Surfacing 28% complete. Miscellaneous 65% complete. Signing 0% complete. Erosion Control 50% complete. A fourteen man engineering crew is assigned to construction inspection and layout. The project is 63% complete with 62% of the contract time elapsed. Construction layout is 70% complete.

M 1006(1) Broadwater Ave.
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 12-1-76

The contractor has eight men employed and worked 8-eight hour shifts installing 48" RCP, 8" CIP, 6" CIP and backfilling trenches. RCP 48" Class 4 is approximately 57% complete. Soil Pipe-CI 6" service weight is about 21% complete. Soil Pipe-CI 8" Service weight is about 28% complete. Traffic control remains 2% complete and excavation culvert is approximately 7% complete. Contract time elapsed has been 33 working days or 37% to date and 57 working days remain. Engineering time charged to the project has been 38 man days during the past reporting period. The project as a whole is about 7% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Const. Co., Contractor
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 11-1-76

The prime contractor had five men employed and worked ten 8-hour shifts placing reinforcing steel, forms and concrete for the footing of abutment No. 3 and the cap of bent No. 2, setting forms and steel for the wingwall of abutment No. 3 and excavating footing of Abutment No. 1. The subcontractor, Stolzenburg, Inc. had five men employed and worked eight 8-hour shifts excavating, grading and rolling the roadbed, installed two drop inlets and reset one drop inlet. The

subcontractor, Barry O'Leary Construction Co., had eight men employed and worked eight 8-hour shifts hauling and laying 3" Base Course. The subcontractor, Midland Electric Co., had two men employed and worked one 3-hour shift installing 40' of 1" rigid steel conduit. Excavation-unclassified is approximately 60% complete. Compaction roadbed is approximately 50% complete. Traffic control remains 40% complete. Base course 3" Grade 2A is approximately 49% complete. Top Surfacing 3/4" Grade 2A remains 2% complete. Structure excavation Type I is approximately 90% complete. Concrete Class AD is approximately 19% complete. Reinforcing steel is approximately 24% complete. Excavation Culvert is approximately 60% complete. CSP Arch culvert is 100% complete. Inlet-Std. Drop Type 3 is approximately 60% complete. Reset Drop inlet is approximately 100% complete. Conduit steel 1½" rigid remains 53% complete and conduit steel 1" rigid is about 44% complete. Contract time elapsed has been 31 working days or 21% to date and 119 working days remain. Engineering time charged to the project has been 60 man days during the past reporting period. The project as a whole is approximately 14% complete.

M 1012(1) & U 53(19)
Signalization
Intersections on Main & Exposition
Contract Let 11-20-75
Work Started 4-6-76
Contract Amount - $41,363.00

Midland Electric Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252 4138
Contract Time: 60 Working Days
Completion Date 7-2-76

All checking has been completed by the Division Office and submitted to Helena. This is the final report on the project.

M 1020(2)
U.S. 10 & Moore Lane
Street Work Lighting & Signals
Contract Let 2-28-75
Contract Amount - $179,653.25
Work Started 10-6 75

Long Construction Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 45 Working Days
Completion Date 7-2-76

One man used three man days working in the office on the final estimate which is 96% complete and should be in the division office by August 18, 1976.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing &
91.25' Structure
Amount of Contract $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 10-1-76

The contractor and subcontractors did not work during this period. All bridge items remain the same as previously reported. Grading items are 99% complete. Drainage items are 93% complete. Fencing items are 83% complete. Seeding items are 93% complete. Surfacing items are 40% complete. No engineering personnel were assigned to the project during this period. Construction layout is 90% complete. The project is 79% complete with 73% of the contract time elapsed.

HHS 212(20) Lodge Grass-North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 10-15-76

The contractor has not arrived on the project. No work is being done by the engineering crew. There has been 60% of the contract time used or 36 days.

SMP-AR 5120-7563-1200
Structure Repair
Custer Battlefield Interchange
Contract Awarded 1-23-76
Contract Amount - $28,300.00
Work Started 2-19-76

Cop Construction Company, Contr.
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Completion Date 5-11-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 93% complete. One man day has been charged to the project this newsletter period.

SMP-AR 5120-7369-1200
Structure Repair
Sarpy Creek Interchange
Contract Awarded 5-3-76
Amount of Contract - $31,480.00
Work Started 5-24-76

Cop Construction Company
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Completion Date 7-2-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 92% complete. Three man days have been charged to the project this newsletter period.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/cw

RECEIVED
CONSTRUCTION BUREAU

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
August 13, 1976

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending August 13, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and occasional windy periods along with temperatures ranging from 51° to 92° prevailed during the period. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - Approx. 1.5 Miles
Survey Not Started

Field Project Manager - Not Assigned
Probable Completion Date: Jan. 15, 1977

Engineering personnel will be assigned to this 1.5 miles extension of Project RS 45 (12) as soon as available.

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94 (Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: Jan. 30, 1977

No work was performed on this project during the past period. A total of 387 man days have been used to date. Ground control work for photogammetry design has been completed. Further field work will not be performed until requested.

DP 362 (9) - Lame Deer-Colstrip
Length - Approx. 17.1 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approximately 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approximately 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approximately 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Probable Completion Date: June 15, 1977

Field Project Manager Robert E. Swanson and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

CONSTRUCTION

I 94-3 (29) 90 U-1 - East Forsyth Interchange
Construction of a Dual 194' Concrete Girder Overpass & Approaches
Contract Let: May 29, 1975
Proceed Order: June 26, 1975
Amount of Contract: $514,972.17
Work Started: July 10, 1975

COP Construction Company, Contractor
Billings, Montana
Walter D. Dane, Field Project Manager
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 150 Working Days
Actual Completion Date: August 5, 1976

I 94-3 (29) 90 U-1 (Continued)

All items were completed in conformance with Plans, Specifications, and Special Provisions August 5, 1976. Formal inspection and acceptance were made August 6, 1976 The final estimate with a two-man engineering crew engaged, is 60% complete and will be submitted to the Division Office about August 31, 1976.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf. Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US-12 - I Conn. - Forsyth
Length - 0.306 Miles Grad., Gravel Surf. Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Progress during the past period has been poor. 100 cubic yards of class AD concrete were placed making a total of 100 cubic yards or 6% complete. 490 lineal feet of steel bearing pile were driven making a total of 1,802 lineal feet or 46% complete. 75 rods of type CW fence were installed making a total of 75 rods or 2% complete. 7,500 tons of aggregate for plant mix seal have been stockpiled. The contractor worked ten 9-hour shifts with 20 men employed. The contract as a whole is 1% complete with 17% of the contract time elapsed. Construction layout, with a 9-man engineering crew engaged, is 66% complete.

I 94-3 (27) 114 - Hathaway-East & West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been good. 70,000 cubic yards of unclassified borrow were moved making a total of 540,000 cubic yards or 75% complete. CSP culvert is 55% complete. The prime contractor worked twenty 9-hour shifts during the past period with 40 men employed. The subcontractor worked six 8-hour shifts with 6 men employed painting bridge rail and performing general cleanup. Structures as a whole are 99% complete. The project as a whole is 58% complete with 36% of contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 75% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

Progress during the past period has been good. 73,898 cubic yards of unclassified excavation were moved making a total of 83,898 cubic yards or 35% complete. 738 lineal feet of CSP pipe were placed or 21% complete. 650 rods of farm fence type 4W were installed making a total of 1,200 rods or 40% complete. Crushing and stockpiling of 1" base course was started July 28, 1976, with approximately 8,000 tons produced to date. The fencing subcontractor worked ten 8-hour shifts with 4 men employed. The contractor worked ten 9-hour shifts with 40 men employed. The project as a whole is 7% complete with 29% of the contract time elapsed. Construction layout, with an 8-man engineering crew engaged, is 67% complete.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 125 Working Days
Probable Completion Date: November 1, 1976

Progress during the past period has been fair. 28.5 rods of type F4M farm fence were installed at bridge ends making a total of 214.4 rods or 100% complete. 176.0 cubic yards of Type A riprap were installed making a total of 990.0 cubic yards or 100% complete. 70 cubic yards of filter material were placed making a total of 420 cubic yards or 100% complete. To date, all items on this project are 100% complete with the exception of seeding and fertilizing. Subcontractor, Williams & Sons, worked three 8-hour shifts with three men employed. The project as a whole is 99% complete with 98% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 99% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf. & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been fair. Grading operations have been completed except for minor cleanup. 11,438 tons of 1½" base course were placed making a total of 103,615 tons or 99% complete. 8,672 tons of 3/4" top surfacing were placed making a total of 13,854 tons or 99% complete. 4.402 cubic yards of class "DD" concrete were placed making a total of 10.090 cubic yards or 78% complete. 61 lineal feet of CSP were installed making a total of 3051 lineal feet or 96% complete. 38.458 tons of MC-70 were applied as prime coat making a total of 81.125 tons or 52% complete. To date, 2,342 lbs. of fertilizer have been applied or 59% complete. 468 lbs. of seed have been applied or 45% complete. The contractor worked nine 9-hour shifts with an average of 15 men employed. The project as a whole is 65% complete with 81% of the contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 96% complete.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf.
and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: August 18, 1976

The Contractor resumed work on this project August 12, 1976, with seal and cover operations started on that date. The Contractor worked one 8-hour shift with 12 men employed. The project as a whole is 94% complete with 89% of the contract time elapsed. Construction layout, with a 3-man engineering crew engaged, is 98% complete.

SMP 5599-75 - Maintenance Stockpiles on Various Roads in Custer, Rosebud, & Wibaux Counties
Contract Let: December 18, 1975
Proceed Order: January 9, 1976
Amount of Contract: $101,580.00
Work Started: April 5, 1976

Rock Inc., Contractor
Great Falls, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 75 Working Days
Actual Completion Date: August 7, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 7, 1976. Formal inspection and acceptance were made August 9, 1976. The final estimate with a one-man engineering crew engaged, is 85% complete and will be submitted to the Division Office about August 30, 1976.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Probable Completion Date: August 30, 1976

No work was performed on this project during the past period. All major items are 100% complete. The project as a whole is 95% complete with 67% of the contract time elapsed. No additional contract time will be charged to this project pending delivery of traffic signal adapters. Construction layout is 100% complete.

Respectfully yours,

For: Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

RECEIVED
CONSTRUCTION BUREAU

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA
August 13, 1976

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period July 31, 1976, through August 13, 1976.

GENERAL

The temperatures varied from 85 degrees above to 43 degrees above zero with 0.80 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18,1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. Design will resume when Hydraulic recommendations are furnished. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 95% complete. The design as a whole is 24% complete with 97½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.118 Miles
Survey Authorized: 8-30-74
Survey Started: 3-25-76
Survey Completed:

Ross M. Johnson
Field Project Manager
White Sulphur Springs, Montana
Telephone: 547-2100

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the White Sulphur Springs area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: Not yet

Unassigned at this time

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3,1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1-22-74
Survey Started: 1-6-75
Survey Suspended: 4-7-75
Survey Resumed: 1-22-76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Survey work was suspended January 30, 1976, resumed February 18, 1976, and suspended February 20,1976. Items and percentage complete are as follows: Centerline, bench levels, and land ownerships 100% complete; Cross-section 95% complete; checking filed notes 90% Complete; topography 44% complete, section ties 16% complete; plotting cross-sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

F 256 (21) Winnett-East and West
Approximate Length: 6.5 Miles
Survey Authorized: 2-5-72
Survey Started: 3-9-72
Survey Suspended: 5-15-72
Survey Resumed: 3-20-72

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

The Design Public Hearing was held in Winnett on August 28, 1974. All location survey and supporting data was submitted to the Lewistown Division Office on September 11, 1974. The P.I.H. inspection was held May 11, 1976. Twenty man-days were used making P.I.H. changes for 85% complete. The design as a whole is 75% complete with 300 man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-14-72
Survey Started: 11-25-74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Location Survey was suspended January 3, 1975. Work completed to date includes: Obtaining permission to survey permits, land ownerships, flyline, centerline, bench levels established and check levels. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete, plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field notes check and reduced cross-section notes from Station 598+80 to Station 757+24.9 for a total to date of 14.0 miles or 95% complete. Plotting topography and drainage from Station 598+80 to Station 757+24.9 for 14.0 miles or 100% complete; plotting profile from Station 0+00 to Station 757+24.9 for 14.0 miles or 95% complete. A total of 553 man-days have been used and the survey is 95% complete.

DESIGN: Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 5% complete with 19 man-days expended.

ER 72 (15) Armells Creek Slide
Grass Range-Malta
Survey Authorized: 1-22-75
Survey Started: 1-12-76
Survey Completed: 1-28-76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

A 7-man engineering crew began field location survey on January 12, 1976.Field work was completed January 21, 1976. Survey data was transmitted to Preconstruction in Helena for design on January 29, 1976. Plan in hand was held on May 11, 1976.

ER 72 (21) Melstone-Mosby
Approximate Length: ± 0.379 Miles
Survey Authorized: 1-27-76
Survey Started:
Survey Completed:

Unassigned at this time

Geology Department started and completed foundation core drilling February 25, 1976. No location work has begun on this project. Survey work will be accomplished when a field survey crew becomes available.

ER 72 (23) Lewistown-Southeast Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12-31-75
Survey Started: 7-20-76
Survey Completed:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was done on this project during this reporting period. Work began on the project July 20,1976. Four men worked 2 days setting centerline control points and running centerline from Station 284+00 to Station 307+50. Five men worked 1 day running bench levels and check levels from Station 284+00 to Station 313+83.6, and taking topography from Station 284+00 to Station 290+00. Centerline ran, and bench marks set, and levels run and checked for 100% complete. Topography is 03% complete. A total of 13 man-days have been expended and the location survey is 10% complete.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Detailed drawing of the Grade Crossing at Stanford,Windham, and Central Avenue, Lewistown, have been sent to the R/W Bureau for further processing.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface and Drain
Meagher County
Contract Awarded: 10-3-74
Bid Price: $1,766,953.86
Work Started: 5-13-75

Hilde Construction Co. and
Maronick Construction (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
White Sulphur Springs, MT
Telephone: 547-2100
Contract Time: 180 working days
Prob. Compl. Date: 8-1-76

Progress this past two weeks has been fair. Prime contractor, Hilde and Maronick, anticipate pit reclamation as soon as water in pit has drained.

The sub-contractor, Western Signs Inc., employed 7 men. The contractor worked three 9-hr. shifts this past week, completed installation of signs making this item 100% complete.

The project as a whole is 98% complete with 88% of the contract time elapsed. A 3-man engineering crew are assigned to project for inspection and construction layout.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bit.,Surfacing, Sewer Installation Signing, Lighting, and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Co.
P.O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 working days
Prob. Completion Date: 8-1-77

Progress the past two weeks has been good. 34,000 cu.yd. of unclassified excavation were moved making a total to date of 165,000 cu.yd. or 100% complete; 15,030 tons of 1½" TA CBC material were produced making a total to date of 22,500 tons or 39% complete; 1400 linear feet of 1" and 2" rigid steel conduit were placed making this item 79% complete; large and small drainage culverts are 100% complete; sewer line installation is 79% complete and installation of irrigation pipe is 63% complete.

Prime contractor worked six 10-hr. shifts on grading operations; four 10-hr. and two 8-hr. shifts on hauling and placing base course gravel with 18 to 26 men employed. Sub-contractor, Western Sign Co., worked six 8-hr. shifts with five men employed. Sub-contractor, McIntyre Construction Co., is setting up Barber-Greene(Batch Hot Plant) in Krause gravel pit with plans presently to begin on 8-16-76 producing Plant Mix Bituminous Base Material.

The project as a whole is 33% complete with 36% of the contract working days expended. Construction layout with a 12-man engineering crew assigned for inspectionand supervision is 95% complete.

Bridge: The sub-contractor, F.L. Flynn and Co., has made fair progress the past two weeks. The sheet piling have been driven for bent 1 and de-watering and excavation work is in progress. The contractor expects to Drive Test piling for bent one this coming week. Work has been in progress on the class DD concrete for the cutoff walls and slope protectors on the pipe at Station 70+65 and 90+45. Percentages complete are: Shoring and Cribs 25% and structure excavation 40%. The structure is 5% complete. A six-man crew is employed on this phase of the work and they have worked ten 8-hr. shifts.

RF 138 (8) Roundup-North
Grade,Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 Miles
Contract Awarded: 5-24-76
Work Started: 7-1-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Mgr. (Road)
Albert Reather
Field Project Mgr. (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 Wrkg. Days
Prob. Comp. Date: 9-15-77

Progress the past 2 weeks has been good. The grading operation has been helped by light rain showers and good moisture in cut areas. Some rock has been encountered in cut areas, but all has been ripped to date. 17 to 20 men worked two 8-hr. shifts and eight 10-hr. shifts on grading and culverts.

81,614 cu.yd. Unclassified Excavation has been moved to date for a total of 16%. 216 lineal feet of 24" RCP has been laid for a total of 464 lineal feet or 27% complete. 42" RCP in 100% complete. 3,240 cu.yd. topsoil has been stockpiled for a total of 13,240 or 22% complete.

Swan and Sons has completed all fencing possible on project as this time. Fencing is 95% complete.

A detour around the bridge site at Sta. 380+13 has been opened (8-11-76).

Bridge: Cop Construction Co. has moved equipment on the project and has begun removing existing structure at Sta. 380+13.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11-14-74
Contract Awarded: 11-15-74
Bid Price: $426,589.77
Work Started: 12-10-74

Sletten Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Telephone: 547-2100
Contract Time: 150 Wrkg. Days
Prob. Compl. Date: 8-1-76

Progress this past two weeks has been fair. Sub-contractor, Western Signs, moved on project August 2, 1976. Employed 7 men and worked two 9-hr. shifts completing signing and guardrail items making this item 100% complete.

Sub-Contractor, Kraus Construction, Inc., employed 3 men and worked six 8-hr. shifts installing bank protectors on bridge and approaches Lt & Rt, placed 26 tons of liquid Asphalt Crs.2, and placed 299.8 tons of ½" cover material Gr. 4, making sealing items 100% complete. Contractor plans to stripe project on or about 8-16-76.

The project as a whole is 95% complete with 89% of the contract time elapsed. A three-man engineering crew is assigned to project for inspection and construction layout.

RS 71 (6) Ryegate - South
Gravel, Plant Mix Base,and Stripe
Contract Awarded: 4-29-76
Contract Amount: $424,429.54
Contract Time: 90 Working Days
Work Started: 5-20-76

R.J. Studer and Sons
Box 20204
Billings, MT
Martin C. VanMil
Field Project Manager
Ryegate, Montana
Telephone: 568-2208
Prob. Compl. Date: 10-31-76

Progress during the past reporting period has been poor. The contractor, R. J. Studer and Sons, worked ten 9-hr. shifts with an average of six men employed. Work consisted of installing and calibration of hot plant.

Contractor plans to start plant mix operations on or about August 15, 1976. The project as a whole is 34.7% complete with 64% of the contract time elapsed. Construction layout is 95% complete with a 6-man engineering crew assigned to the project.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde & Maronick Const. Co. (J.V.)
East Helena, Montana
Bruce Barrett
Field Project Manager
Telephone: 423-5327
Hobson, Montana
Contract Time: 180 wrkg. days
Prob. Completion Date: 9-15-77

The contractor began operations on August 5, 1976. Work has consisted of: stripping topsoil between stations 5+00 to 39+00; installing 158 L.F. of 24" R.C.P. Class 5 at station 32+00 making this item 100% complete; moving 12,935 C.Y. of Unclassified excavation making this item 2% complete and installing 734.4 rods of F4W fence Left and Right between station 0+00 and 80+75, making this item 16% complete.

The prime contractor has 13 men employed and is working five 9-hour shifts per week. Swan and Son, fencing sub-contractor, has 11 men employed and is working five 8-hour shifts per week.

The project is 1.4% complete with 18% of the contract time elapsed. Construction layout is 72% complete with 6 to 7 engineering personnel assigned to the project.

RS 450 (3) Denton - North
6.4 Miles Grading, Aggregate Surface
Plant Mix Surfacing, Drain, Seal and
Cover, Signing and cnstruct 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-19-76

Zook Bros. Construction Company
P.O.Box 2025
Great Falls, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 wrkg. days
Prob. Compl. Date: 11-1-76

Progress the past two weeks has been good. Production of 1¼" TA CBC material from State lab. No. 425-707-12 began on 8-2-76. 35,500 tons of base course were placed between Station 10+00 and 153+00 for a total to date of 37% complete. Contractor worked seven 10-hr. shifts and one 4-hr. shift with 22 men employed. Crusher has been moved to Allen gravel pit No. 478-026-30 with production from this source planned for about noon 8-13-76. Unclassified exacavation quantities are 98% complete; small and large drainage structures are 100% complete; and 66 lineal feet of approach culvert was placed making a total to date of 2062 lineal feet or 100% complete.

The project as a whole is 43% complete with 31% of the contract time elapsed. a 12 man engineering crew is engaged in construction supervision and inspection with construction layout 100% complete.

Bridge: The sub-contractor, Mackin Construction Co., has made good progress the past two weeks. The deck concrete was placed August 2nd and to date all concrete for the structure has been placed. Work is now in progress stripping formwork from interior bays of the deck. Percentages complete are: Class AD concrete 100%; Re-steel 100%, Structural steel 90%, Bridge rail 10%, and all sub-structure items 100%. A five man crew is employed on the phase of the project and they have worked ten 8-hr. shifts. The bridge is 89% complete.

Respectfully submitted,

R. W. Freeman, P. E., Supervisor
Division Construction Section -
Lewistown

RWF/JHP/jrw

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

AUGUST 16, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

August 15, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	13	2 OCT. 1977	R. J. Studer & Sons $2,759,751.00
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91	97 AUG. 1976	Weyher Construction Co. $1,515,936.36
FHP 60-1(1)	Raynolds Pass	8.4	Bituminous Plant Mix Paving	90	23 AUG. 1976	Baltrusch Construction $277,050.00